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U. S. Department of Agriculture.

SOUTH'S OLDEST SEED HOUSE

OTTO SCHWILL & CO.

MEMPHIS, TENN.

1930

Vegetable Seed Trials D. N. Shoemaker

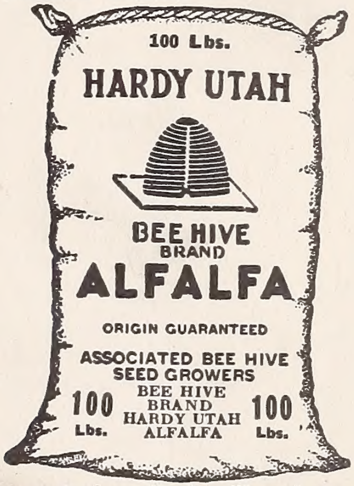
JAN 28 1930

SCHWILL'S ALFALFA SEED

Alfalfa

INOCULATE
This Seed

Alfalfa (Medicago Sativa) is a deep-rooted, hardy perennial forage plant, belonging to the family which includes beans, peas and clover. It is equal to red clover in feeding value, but yields a greater tonnage per season. In the South we may expect 5 to 7 tons of hay per acre. Since it is a perennial it will last a number of years. Alfalfa requires a deep, fertile, well-drained, non-acid soil, reasonably free from weeds. The bed should be well prepared and the seed inoculated to obtain the best results. Sow 20-25 pounds of seed per acre, either in early fall or early spring. The name alfalfa is of Arabic origin and is translated to mean "the best fodder." It is. (Write Dept. of Agriculture, Washington, D. C., for Farmers' Bulletin 1283.)



BEE HIVE HARDY UTAH ALFALFA

Grown a mile high at an altitude of 5,000 to 6,000 feet, where winter stays late and fall freezes come early. Where the growing season is the shortest of any area in the United States.

Cultivated by a group of over 2,200 farmers under a unique contract system, with organized expert supervision. The fields are selected and weeded, the seed harvested, again selected, then recleaned, refined and tested by the latest improved methods.

The Alfalfa seed which comes to you under the Bee Hive Brand is the result of supervised production under organized direction. The fields are the result of seeding and reseeding from the first local production since the time before the Spanish-American War. The system of contract production, harvesting methods, seed cleaning and testing, absolute native pedigree and other details are things that only this organized effort can insure.

Sacked in Sealed Bags

Bee Hive Alfalfa is sacked in sealed bags to facilitate sale by the dealer and for the protection of the buyer. The hardiness of Bee Hive is field-bred through years of adverse climatic conditions. The quality of Bee Hive is field-developed by the organized co-operative effort of over 2,200 farmers. The qualities of Bee Hive are grown in it. It is more than merely factory dressed seed.

It is drouth resistant. It will send its roots 10, 20 and 30 feet to water, and once it gets water pumps down into a permanent stratum of moisture, the most prolonged drouth cannot phase it. It will suck up moisture from the permanent water level, and when common clover, with its shallow root stem, lies brown and dead beside it, the alfalfa will be dark green and thrifty like an oasis in a desert.

Greatest Known Soil Builder

It is one of the greatest soil builders known. Being a legume like other clovers, it adds nitrogen to the soil—and nitrogen, you know, is that element of fertility which costs the most money when you have to buy it. Its leaves gather richness from the passing breeze and store it in the soil to produce future crops of corn and grain.

There is no better crop to provide protein, the element in which most of the livestock rations grown on the farm are deficient. For feeding to dairy cattle the hay is of as much value, pound for pound, as bran. If you don't want to buy bran, you don't have to. Plant Alfalfa. It is strong also in vitamins, those mysterious substances, whatever they are, that are essential to animal growth and which are deficient in many of our other farm crops. It is strong in minerals. It takes lime out of the soil to put into the bones and teeth and milk of animals. Therefore, it means strong, vigorous livestock, sows that don't "go down behind," pigs with good bone and muscle and plenty of pep, and a high production of milk for dairy cows. **1 lb., 50c, post paid.**

Kansas Alfalfa

This variety is grown principally in the State of Kansas, hence the name. It is also commonly known as the native or Western grown. **1 lb., 40c, post paid.**

Dakota 12 Alfalfa

Dakota 12 is one of the hardiest of the varieties we sell. It is better able to withstand severe winters than the Kansas, and is an old standby. **1 lb., 50c, post paid.**

Inoculation

Don't fail to inoculate the seed when sowing in new soil. It's absolutely necessary.

Quantity Prices

For quantity prices on all Alfalfas described above, see Page 90.

1930 ORDER FOR SCHWILL'S SEEDS 1930

Otto Schwill & Co.

"South's Oldest Seed House" MEMPHIS, TENN.

Date..

Name..

Street..P. O. Box............

Post Office..R. F. D. No............

Express or Freight Office (If Different from P. O.)..

County..State..

Ship By (Please check square below)

Parcel Post ☐ Express ☐ Freight ☐

Write Here Amount Enclosed

$..

PLEASE DO NOT WRITE HERE

Date Rec'd..

Amt. $.................................. Rem..................

Filled by..

Checked by ....

Date Shipped..

No. Pkgs..

Order No.....................................

Otto Schwill & Co. gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop.

QUANTITY		NAMES OF ARTICLES WANTED	PRICE	
		Carried Forward		

We Pay the Postage

In considering our prices in this catalog, please bear in mind that we pay the postage on all vegetable and flower seeds by the packet, ounce, quarter pound, pound and two pounds.

WE HAVE THE MOST COMPLETE STOCK OF DOG AND BIRD SUPPLIES IN THE SOUTH

QUANTITY		NAMES OF ARTICLES WANTED	PRICE	
		Amount Brought Forward		
		Total		

FREIGHT RULE

If there is no freight agent at your station, please send enough money to prepay the freight charges. If you send too much, we will return the proper amount.

Have You Moved

SINCE SENDING YOUR LAST ORDER? Please Give Former Address Below

Postoffice__________ **Rural Route**__________ **Box No.**__________

State__________ **Street and No.**__________

If any of your friends desire our free catalog, please send their names and addresses in the space below.

NAMES	POSTOFFICE	R. F. D.	COUNTY	STATE

TOOF-MEMPHIS

SCHWILL'S SWEET PEAS

Cultural Directions

Sow in the early spring as soon as the ground can be prepared in a deep, rich soil, and for succession until the middle of April. Open a drill 4 to 5 inches deep and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed. Sheep manure and Nitrate of Soda are the best fertilizers for Sweet Peas; apply lightly alongside of plant, but not too close.

The Best Ten Varieties of Standard Spencer Sweet Peas

From California growers we have obtained what is termed the list of the ten best standard Spencer Sweet Peas. They are as follows:

AVALANCHE—Very large white.

GLENEAGLES—Immense pale blue lavender.

MARY PICKFORD—Beautiful dainty cream pink, lightly suffused with salmon.

OLYMPIA—Rich purple.

BLUE BIRD—Attractive shade of bright silvery blue. Shade deepens as flowers age.

POWERSCOURT—Large lavender.

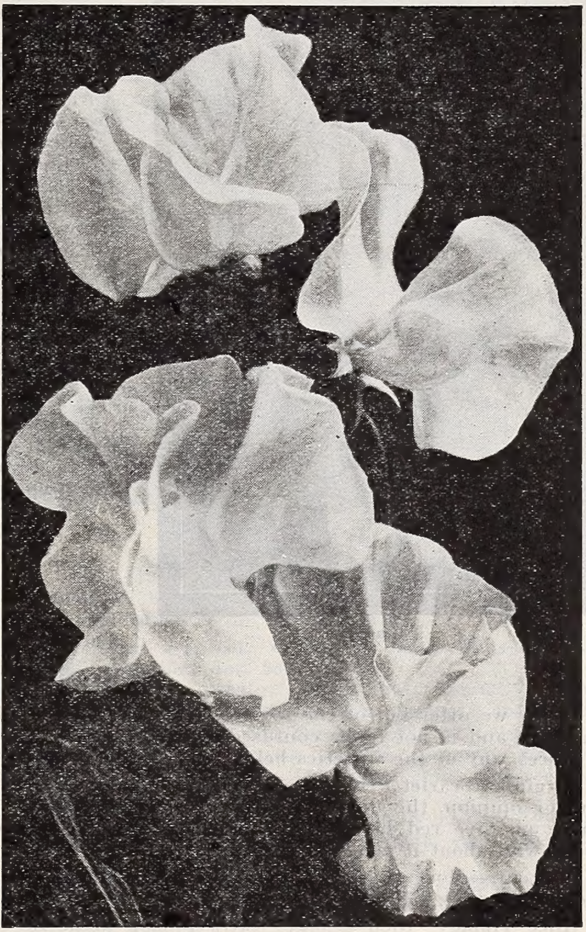
SUPREME—Large blush pink.

SYBIL HENSHAW—Deep crimson.

WHAT JOY—Primrose yellow, shading to cream.

DOREEN—Huge bright rose carmine. Particularly striking and popular because of its large size. Vigorous grower.

Prices, any of the above—**Pkt. 10c; ½ oz. 35c; 1 oz. 60c; 2 oz. 95c; 1 lb. $5.00, post paid.**



Inoculate Sweet Pea Seed

Commercial inoculation is applied to the seed in 15 minutes and without trouble. Anybody can do it. Directions on every can. It makes more and better flowers and finer and brighter colors.

Try a can and you'll get twice as many sweet peas as ever before. **Per can, 25c, post paid.**

Sweet Pea Mixtures

Schwill's Superb Large Flowering, Mixed

This mixture is composed of all of the largest flowering varieties of Grandiflora Peas. Pkt. 10c; oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.

Spencer Mixed Sweet Peas

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers. Pkt. 10c; oz. 20c; 2 oz. 35c; ¼ lb. 60c; 1 lb. $2.00, post paid.

Cupid, Dwarf or Bedding, Mixed

These form a line of emerald-green foliage, a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of blooms; the mixture contains all the colors. Pkt. 10c; oz. 25c; 2 oz. 45c; ¼ lb. 75c, post paid.

Schwill's Florist Mixture

In this mixture we have attempted to give the customer the highest variety of color and breeding in the sweet pea family. To do this we have carefully blended only the tried and proven named types—ones that have been awarded medals of merit. We recommend the strain for marketing especially. Pkt. 10c; 1 oz. 50c; 2 oz. 90c; ¼ lb. $1.50; 1 lb. $5.00, post paid.

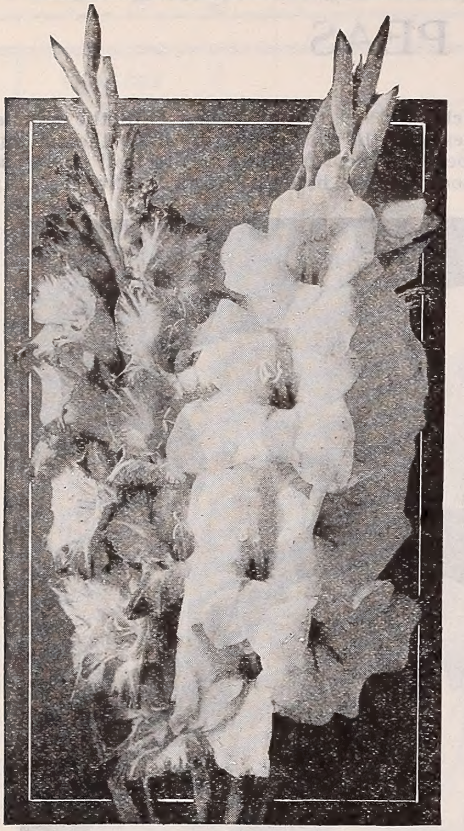
Here Are the Two Novelties for 1930

La France Larkspur

Differs from older Larkspurs in the large number of laterals from the crown stem. La France is very floriferous, the large, well-formed, double flowers being well placed on the long stems to set off its attractions. Vigorous and resistant to mildews. In color a pleasing salmon pink. Pkt. 25c; ¼ oz. 75c.

Robert Beist Marigold

A new dwarf French Marigold, orange and brown and highly attractive. Grown in California by the celebrated Bodger. This is a Marigold well worth the attention of the most discriminating. Pkt. 25c; oz. 95c.



Gladiolus

SUMMER FLOWERING BULBS

Standard Named Gladiolus Bulbs

Plant six to nine inches apart, the large bulbs four inches deep and the small ones two inches deep, selecting any soil except stiff clay. Full sunlight is necessary. Plant at intervals of two weeks for successive blooms.

Evelyn Kirtland—Beautiful rosy pink, with darker edges and scarlet blotches on the lower petals. **Post paid, doz. 70c. Not prepaid, doz. 60c; 25 $1.05; 100 $3.80.**

E. J. Shayler—One of Kunderd's best ruffled varieties, splendid deep rose pink. **Post paid, doz. 65c. Not prepaid, doz. 55c; 25 90c; 100 $3.20.**

Joe Coleman—Bright red with carmine blotch; ruffled flowers; many open at a time. **Post paid, doz. 80c. Not prepaid, doz. 70c; 25 $1.25; 100 $4.60.**

America—Soft lavender pink, with lighter throat. Good spike. **Post paid, doz. 65c. Not prepaid, doz. 55c; 25 90c; 100 $3.20.**

Anna Eberius—Dark velvety plum rose, throat deeper shade. Different from anything on the market. **Post paid, doz. 90c. Not prepaid, doz. 80c; 25 $1.40; 100 $5.20.**

Chicago White—Pure white with faint lavender streaks in the lower petals; early. **Post paid, doz. 65c. Not prepaid, doz. 55c; 25 90c; 100 $3.20.**

Mrs. Frank Pendleton—Salmon pink, each flower marked with rich maroon blotch. **Post paid, doz. 70c. Not prepaid, doz. 60c; 25 $1.05; 100 $3.80.**

Baron Hulot—Rich deep indigo blue. **Post paid, doz. 90c. Not prepaid, doz. 80c; 25 $1.40; 100 $5.20.**

Halley—Early salmon red, excellent flower. **Post paid, doz. 65c. Not prepaid, doz. 55c; 25 90c; 100 $3.20.**

Herada—Clear mauve, very attractive. **Post paid, doz. 70c. Not prepaid, doz. 60c; 25 $1.05; 100 $3.80.**

Peace—Best late white, lavender blotch. **Post paid, doz. 70c. Not prepaid, doz. 60c; 25 $1.05; 100 $3.80.**

Mrs. Frances King—Flame red with salmon shade, tall. **Post paid, doz. 70c. Not prepaid, doz. 60c; 25 $1.05; 100 $3.80.**

Schwaben—Light yellow with red stripe, sturdy, an old favorite. **Post paid, doz. 70c. Not prepaid, doz. 60c; 25 $1.05; 100 $3.80.**

Mixed Gladiolus Bulbs

Schwill's Exhibition Mixed—A mixture containing all the novelties in well balanced color proportions. **Post paid, doz. 65c. Not prepaid, doz. 55c; 25 90c; 100 $3.20.**

Schwill's Glorious Gladioli

Below we offer ten of the most gorgeous Gladioli that money can buy. It is a list formulated with infinite care and patience and is not to be confused with any group of the purely standard sorts.

Prices, any of the varieties below, doz. 90c, post paid. Not prepaid, doz. 80c; 25 $1.40; 100 $5.20.

Virginia (Scarlet Princeps)—Winner of many awards and, in our opinion, the finest Gladiolus ever developed. Six or more massive red blossoms open at one time. Memphians went wild about it last year.

Souvenir—Most superb deep yellow. Tall-stemmed, large hooded flowers facing forward, 4 to 6 open at the same time.

Alice Tiplady—Rich orange; extra fine, a great favorite; about fifty per cent produce two flowers.

Autumn Queen—Color cream-yellow, upper petals suffused with peach blossom pink; lower petals striped carmine-red; when planted late opens full and wide in autumn.

Best Violet—Dark velvety violet, strong grower.

Flaming Sword—Earliest of all reds, tinted salmon. Opens well. We can recommend this highly.

Mrs. H. E. Bothin—Flesh salmon-pink, flame scarlet center. A large show flower. As a cut flower variety this is second to none.

Mona Lisa—A Kunderd introduction. Strong plant. Many flowers open at a time. Of palest soft rose or blushed white. A magnificent almost pure self color.

Odin—A sport of Prince of Wales; salmon color with dark blotches; early, good forcer.

Rose Glory—Purest rose-pink, deeper in throat; ruffled.

Schwill's Named Peonies

Plant in the spring or fall, the latter preferred, and cover with two or three inches of soil. Deep planting causes shy blooming. Select rich ground for best results.

NAMED VARIETIES

Louis Van Houtte—Red. **Each 70c; doz. $5.85, post paid. Not prepaid, each 65c; doz. $5.40.**

Edulis Superba—Day break pink. **Each 55c; doz. $4.35, post paid. Not prepaid, each 50c; doz. $3.95.**

Festiva Maxima—Early white with red splotch. **Each 55c; doz. $4.35, post paid. Not prepaid, each 50c; doz. $3.95.**

Peony

Tuberose

Start in 5-inch pots in March or April. When weather warms plunge pots into the earth and they will flower before cold weather.

Tuberose, Single Mexican—Doz. 55c, post paid. Not prepaid, doz. 45c; 100 for $3.60.

Ismene Calathina

(Peruvian Daffodil)

A grand summer flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Plant out in May. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out another season.

Each 30c, post paid. Not prepaid, each 25c.

BULBS, ROOTS AND PLANTS

Bed of Cannas

Schwill's Cannas

Cannas delight in a good loam mixed with a generous supply of well rotted stable manure. And they respond readily to liberal treatment. Plant in the spring when the weather has settled and the soil has some warmth. Do not plant too deep, as the "eye" should be just above the ground. Unless otherwise specified, the foliage in all cases is green.

Eureka—Pure white. The best white canna; 4½ feet. **Each 20c; doz. $1.35, post paid. Not prepaid, each 15c; doz. $1.25.**

Madam Crozy—Red, with golden border; 4 feet. **Each 15c; doz. 90c, post paid. Not prepaid, each 10c; doz. 80c.**

Hungaria—Beautiful rose pink; 3½ feet. **Each 20c; doz. $1.35, post paid. Not prepaid, each 15c; doz. $1.25.**

Mrs. Alfred Conard—Lovely shade of salmon pink; 4 feet. **Each 20c; doz. $1.35, post paid. Not prepaid, each 15c; doz. $1.25.**

Yellow King Humbert—Deep rich yellow, softly spotted and blotched with bright red; 4 feet. **Each 20c; doz. $1.00, post paid. Not prepaid, each 15c; doz. 90c.**

City of Portland—A deep pink which does not fade during the hot weather. A free-bloomer, with flowers borne well above the foliage. 3½ feet. **Each 20c; doz. $1.00, post paid. Not prepaid, each 15c; doz. 90c.**

King Humbert—The greatest of favorites; actually a sensation for years; scarlet flowers, bronze leaves; 4 feet. **Each 20c; doz. $1.00, post paid. Not prepaid, each 15c; doz. 90c.**

The President—Rich, glowing scarlet; immense rounded flowers; 4 feet. **Each 20c; doz. $1.00, post paid. Not prepaid, each 15c; doz. 90c.**

Venus—Rosy pink, mottled creamy; yellow border; 3½ feet. **Each 20c; doz. $1.45, post paid. Not prepaid, each 15c; doz. $1.35.**

Richard Wallace—Dainty canary yellow; large flowers; free bloomer; 4½ feet. **Each 20c; doz. 95c, post paid. Not prepaid, each 15c; doz. 85c.**

Dahlias

Double Dahlias

The Dahlia is one of the showiest of all autumn flowers. Commencing to bloom in July, it is a perfect blaze of color until stopped by frost.

When danger of frost has passed in the spring set out the roots three feet apart, avoiding stiff clay. The soil should be deeply dug, but only moderately fertilized. Cover with three inches of dirt.

Dahlias need both sun and air. We offer the following shades:

Double Pink, Double Yellow, Double Purple, Double White, Double Scarlet, Double Striped.

Price, any shade, each 20c; doz. $1.75, post paid. Not prepaid, each 15c; doz. $1.50.

Elephant's Ears

Caladium Esculentum—Effective as a single plant on a lawn or in groups; also useful for decorative effects near streams or pond. Plant three inches deep in rich soil and water little until active growth has commenced.

Small bulbs, post paid, each 15c; doz. $1.00. Not prepaid, each 10c; doz. 90c.

Large bulbs, post paid, each 25c; doz. $1.75. Not prepaid, each 20c; doz. $1.50.

Extra large bulbs, post paid, each 45c; 3 for $1.15. Not prepaid, each 40c; 3 for $1.05.

Giant Amaryllis, Largest of Forcing Bulbs

Easiest handled and surest to flower of all bulbs for indoor culture. Place one bulb in each pot, in rich soil, and water sparingly. After flowering place in warm window or set outside in sand.

Equestre—Orange scarlet, **each 55c, post paid. Not prepaid, each 50c.**

Johnsonii—Rich deep velvety crimson, each petal having a white stripe, **each 65c, post paid. Not prepaid, each 60c.**

Hybrids—Amazing range of colors, blended, splashed and striped, **each 80c, post paid. Not prepaid, each 75c.**

FLOWER SEEDS

The most essential requisite for success is good seed. Next, a suitable soil. That best suited for flower culture is a rich loam containing enough sand to make it porous. A large portion of the summer flowers are **Annuals.** As they do not take kindly to transplanting, it is best to sow seed where the plants are to bloom. Sow from March until June in dry soil previously fertilized by bone meal, sheep manure, or similar stimulants. Make a broad but shallow depression in which to sow the seeds as thinly and evenly as possible and cover in proportion to the size of the seed. Very small seeds should not be covered. Press them into the soil with a flat board. The seedlings should be thinned out during moist or dull weather.

Half Hardy Annuals—Towards the end of March seeds of this class may be sown in the place where they are to bloom. It is advisable, however, to sow the seeds in February and March indoors, either in pans, shallow boxes or pots. When the little plants have made three or four leaves, reset them in another box so they may be strong and sturdy to set in the garden at planting time. Occasional watering with weak liquid sheep manure is beneficial.

Hardy Perennials—These may be sown in open borders any time from April to October. **Biennials** require treatment similar to hardy perennials. By sowing seeds in boxes or pots in cold frames in February and March and transplanting the seedlings to a north border, a much earlier bloom will be secured. The seeds of perennials usually germinate slowly.

Alyssum, Sweet One of the sweetest and most useful of summer flowers for edging, borders, rock work, etc., continuous in bloom the entire season. Flowers white, 1 foot; hardy annual. **Pkt. 10c; oz. 40c.**

Alyssum, Little Gem A Sweet Alyssum with pure white blossoms, very dwarf and dense growth. It is, perhaps, the finest sort for geometrical flower beds and borders; hardy annual. **Pkt. 10c; oz. 50c.**

ANTIRRHINUM (Snapdragon)

Showy and useful border plants, producing a great variety of brilliant flowers. Very effective in beds, succeeding in any good soil. Blooms the first season. Biennial.

We offer the celebrated Bodger strain of California grown stock in four colors and a mixture. **Pkt. 10c; oz. 75c.**

Brilliant Rose White Yellow Orange Scarlet Mixed

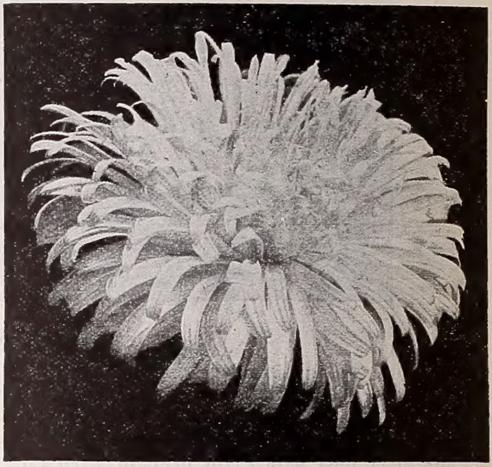
Amaranthus, Princess Feathers Highly ornamental. We offer a splendid mixture of all varieties; have handsome foliage; hardy annual. **Pkt. 10c.**

Ageratum (Imperial Blue) A Mexican flower of bush-like appearance, suitable for bedding or pot culture. Blooms continually; hardy annual. **Pkt. 10c.**

Aster, Giant Comet Flowers of immense size, often 6 inches across. Long, wavy, twisted petals, gracefully formed into loose yet dense globe, resembling chrysanthemums, 12 to 16 inches in height. **Price, any of the following varieties, packet 10c; oz. $1.25.**

Pure White Clear Rose Light Blue Dark Blue
Scarlet Comet Asters, all colors, mixed.

Aster (Vick's Branching) Extra large, late blooming flowers, produced on long stems. **Pkt. 10c; oz. $1.25.**

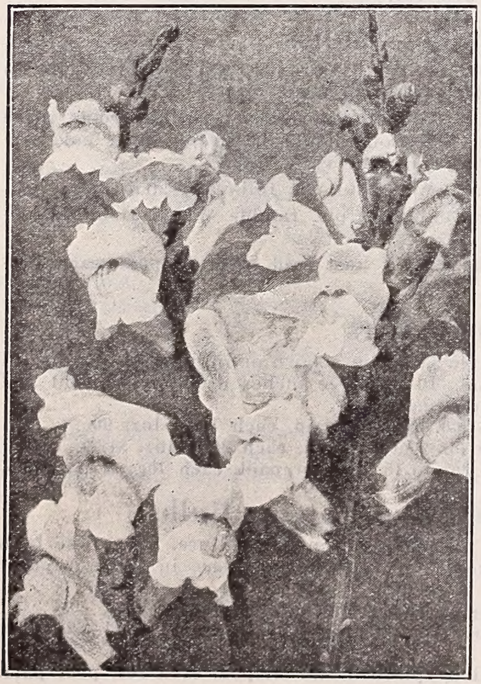


Aster

Aster, Peony Flowered Large and double mixed. **Pkt. 10c; oz. $1.50.**

Aster, Victoria Imbricated petals; large flowers. **Pkt. 10c; oz. $1.25.**

Aster (China) Mixed Well known, hardy variety. **Pkt. 10c; oz. 75c.**



Schwill's Antirrhinum (Snapdragon)

Baby's Breath (Gypsophila Perennial) Quick growing perennial with many small, open, bell-shaped flowers. Does well in any soil. **Pkt. 10c.**

Bachelor's Button It has been so perfected that fully 80 per cent of the flowers are double and semi-double; are also increased in size and present many colors and distinct markings; mixed; hardy annual. **Pkt. 10c; oz. 35c.**

Browallig Profuse blooming plants, continuing throughout the summer, studded with blue and white flowers; half hardy annual; mixed. **Pkt. 10c.**

Brachycome (Swan River Daisy) A delicate dwarf, half hardy annual; effective for edging, beds or rustic baskets. Produces an abundance of daisy-like flowers in shades from dark blue to nearly white; mixed colors. **Pkt. 10c.**

Balloon Vine Quick growing climber; 15 feet; annual. **Pkt. 10c.**

Balsam, Double Mixed Magnificent for outdoor planting, producing in gorgeous profusion varied color flowers; tender annual. **Pkt. 10c; oz. 30c.**

Balsam Apple Vine (Monordica) Curious fruits; fine climber; annual. **Pkt. 10c; oz. 75c.**

Balsam (Lady's Slipper) Annual with double rose-like flowers for borders and bedding. Prefers moist soil. Plant 18 inches apart. **Pkt. 10c.**

Calendula (Pot Marigold) One of the showiest free-flowering, hardy annuals. Fine in beds or borders, especially in the fall. **Pkt. 10c; oz. 50c.**

Calliopsis Large, bright yellow flowers; very effective for cutting and decorations; mixed varieties; hardy annual. **Pkt. 10c; oz. 25c.**

Canary Bird Vine A beautiful, rapid climber; annual. **Pkt. 10c.**

Candytuft, Finest Mixed All varieties; hardy annual. **Pkt. 10c; oz. 25c.**

Carnation, Marguerite Exceedingly fragrant, double flowers, very beautiful. Half hardy perennial. **Pkt. 10c; oz. $1.50.**

Canna, Mixed Flowers of large size and brilliant colors. Our mixture contains all the tall varieties and all colors. **Pkt. 10c; oz. 50c.**

Canterbury Bells (Campanula) Bell-shaped flowers, mixed; hardy biennial. **Pkt. 10c.**

Cardinal Climber A new and brilliant colored annual climber. Flowers glowing scarlet, 1½ inches in diameter, the tube being 1¼ inches in length. Vines branch freely, attaining a height of from 20 to 30 feet. Start seed indoors in March and transplant. **Pkt. 10c.**

Chinese Wool Flower (Celosia Childsii) Unique form of the feathered Cockscomb. Rich crimson flowers like silky wool material. Annual. **Pkt. 10c.**

Chrysanthemum Single Mixed Annual, blooming from spring until frost, but not to be confused with the winter flowering sorts of the florists. **Pkt. 10c.**

Cobea Scandens (Cup and Saucer Vine) A climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc.; large, bell-shaped purple flowers; half hardy perennial. **Pkt. 10c.**

Cockscomb, Mixed Choice mixed, of all sorts and colors. Half hardy annual. **Pkt. 10c.**

Coleus Hybridus The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hotbed, as the seed is very fine and when sown is scarcely covered, yet must be kept moist. Tender perennial. Mixed colors. **Pkt. 15c.**

Columbine Flowers showy and luxuriant; hardy perennial. **Pkt. 10c.**

Coreopsis Fine for cutting; graceful flowers; hardy perennial. **Pkt. 10c; oz. 40c.**

Corn Flower, Double Pink (Centaurea Cyanus) Popular annual producing bright flowers from spring until fall. **Pkt. 10c; oz. 60c.**

Corn Flower, Double Blue (Centaurea Cyanus) Varying from the above in color only. California grown. **Pkt. 10c; oz. 60c.**

Corn Flower, Mixed All colors; hardy annual. **Pkt. 10c.**

Schwill's Cosmos, Giant Flowering, Mixed

Cypress Vine For a neat trellis or ornamenting the trunks of young trees it is hardly excelled. Mixed colors; tender annual. **Pkt. 10c; oz. 45c.**

Cosmos

Giant Crimson......**pkt. 10c; oz. 50c**
Giant Mixed........**pkt. 10c; oz. 50c**
Giant White........**pkt. 10c; oz. 50c**
Giant Pink..........**pkt. 10c; oz. 50c**

DAHLIA, DOUBLE MIXED **Pkt. 10c; oz. $2.75**

DAHLIA, DOUBLE CACTUS **Pkt. 20c; oz. $3.50**

DAHLIA, SINGLE MIXED **Pkt. 10c; oz. 75c**

DAISY SHASTA — Flowers snowy white with yellow center. Perennial. **Pkt. 10c.**

DAISY, DOUBLE—An old favorite; perennial, mixed. **Pkt. 10c; oz. $1.50.**

Chinese Wool Flower

Geranium

Forget-Me-Not A modest little flower; to friendship ever dear; color blue. Tender annual. **Pkt. 10c; oz. $1.00.**

Four O'clock A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annual; mixed varieties. **Pkt. 10c; oz. 20c.**

Foxglove (Digitalis) One of the most striking flowers; tall, stately and handsome; of easy culture; hardy perennial. **Pkt. 10c; oz. 75c.**

Geranium (Pelargonium) Dark red, and known to every flower lover. **Pkt. 10c.**

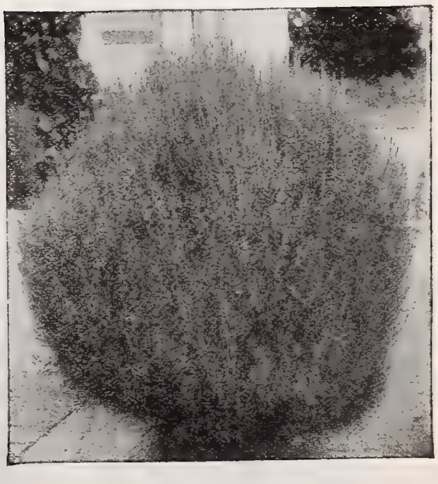
Gomphrena (Globe Amaranth)—Hardy annual; 2 ft. Red, clover-shaped flowers. Cut when in full bloom and dried, they retain their color. Mixed. **Pkt. 10c; oz. 40c.**

Gaillardia Blanket flower; fine for bouquets; mixed. Perennial. **Pkt. 10c.**

Gourds Small, ornamental sorts; mixed. **Pkt. 10c.**
Dipper Gourd—Pkt. 10c.
Nest Egg Gourd—Pkt. 10c.
Calabash Pipe Gourd—Pkt. 10c.
Sugar Trough—Pkt. 10c.
Orange Gourd—Pkt. 10c.
Dish Rag or Luffa—Pkt. 10c.

Helichrysum (Straw Flower) Bright, attractive summer blooming annual, of free growth, producing an abundance of large, double red, white, yellow flowers. **Pkt. 10c; oz. 40c.**

Heliotrope Well-known greenhouse and bedding favorite. Esteemed for fragrant flowers. Fine mixed. Half hardy perennial. **Pkt. 10c; oz. $2.00.**


KOCHIA
(See page 6)

Hollyhock

Hollyhock, Double Mixed Fine, showy, double blooms. Hardy perennial. **Pkt. 10c; oz. $1.50.**

Hollyhock, Double White Purest white, double flowers. Hardy perennial. **Pkt. 10c; oz. $2.00.**

Hollyhock, Double Red Finest scarlet and red. Hardy perennial. **Pkt. 10c; oz. $2.00.**

Humulus Japonicus (Japanese Hop) Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. Tender annual. **Pkt. 10c; oz. 60c.**

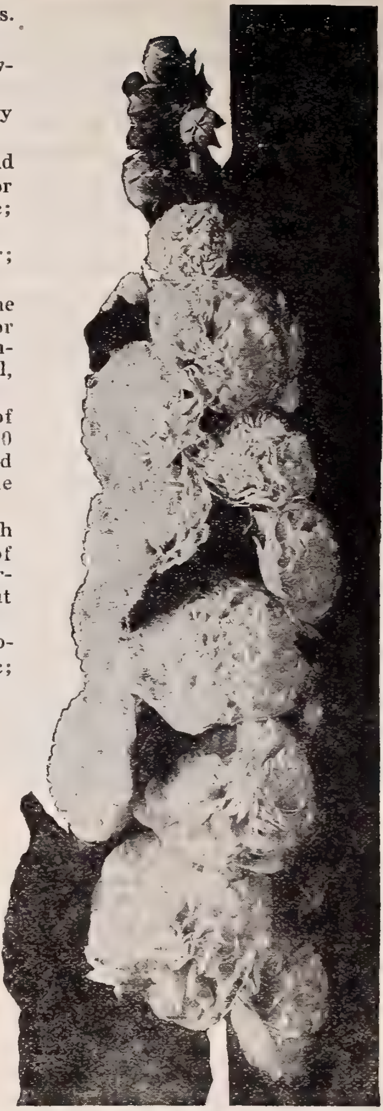
Hyacinth or Jack Bean A rapid growing annual climber; mixed; all colors. **Pkt. 10c; oz. 20c.**

Ice Plant A low growing, trailing tender perennial. The thick leaves seem to be covered with crystals. Used for edging embankments and box work; thrives in bright sunlight and dry situations. Flowers, cerise purple and small, completely covering plant. **Pkt. 10c; oz. 50c.**

Kudzu Vine (Jack-and-the-Beanstalk) For rapidity of growth this hardy vine has no equal. It will grow 8 to 10 feet from seed the first year. The leaves are large and abundant. It bears racemes of pea-shaped rosy purple flowers. Hardy perennial. **Pkt. 10c.**

Kochia (Summer Cypress) An easily grown annual with perfect symmetry. It is a lively green, but on approach of autumn becomes bright scarlet, making in all a very desirable plant. During the summer it obtains a height of about 3 feet. **Pkt. 10c; oz. 45c.**

Lantana Tender perennial, blooming constantly all summer. Often becomes shrublike, 2 to 3 feet high, with clusters of colored flowers resembling Verbenas. **Pkt. 10c; oz. $1.25.**


Hollyhock

Larkspur

Larkspur Hardy annual. These Larkspurs grow about 1½ to 2 feet high. A great variety of bright colors; of easiest culture, doing well in any soil; all colors, mixed. **Pkt. 10c; oz. 50c.**

Larkspur, Double Stock Flowered The finest variety of the annual Larkspurs. Flowers are double and plants attain a height of three feet. **Pkt. 10c; oz. 60c.**
Dark Blue Lilac White Rose

Larkspur (Delphiniums) Hardy perennial. These are taller than the annual sort. Seed is difficult to start, so advise sowing in a box in prepared soil, under glass. All colors, mixed. **Pkt. 10c; oz. $1.25.**

Lobelia Excellent border plant. Hardy annual. **Pkt. 10c.**

Marigold, Tall, Mixed Flowers golden yellow. **Pkt. 10c; oz. 45c.**

Marigold, Eldorado Double flowers, of immense size. **Pkt. 10c; oz. $1.25.**

Marigold, Schwill's Orange King Tall double hollow type, very select and attractive. **Pkt. 25c; oz. $1.75.**

Mignonette Seed of this popular annual can be sown at any time. If successions are made, these modest-colored, fragrant plants blossom outdoors until November. **Sweet Mignonettes. Pkt. 10c; oz. 30c.**

Marigold

Moon Flowers

Moon Flower, White Its large white flowers expand in the evening and remain open till the following day. **Pkt. 10c; oz. $1.00.**

Moon Flower, Heavenly Blue This variety blooms in the forenoons. The flowers are azure blue with a yellow throat. **Pkt. 10c; oz. $1.25.**

Morning Glories, Japanese Imperial A revelation in the size and beauty of their flowers. **Pkt. 10c; oz. 15c.**

Morning Glories Undoubtedly one of the most profuse flowering vines in cultivation; choice mixed varieties. **Pkt. 10c; oz. 25c.**

Nigella (Love-in-a-Mist) A hardy annual, 1 foot high, with finely cut foliage; oddly shaped blossoms in blue and white. **Pkt. 10c.**

Schwill's Brilliant Nasturtiums

Nasturtiums

You can not have too many Nasturtiums. And they are easy to grow. In late spring, when danger of frost is over, plant the seed along embankments or fences, where bright-colored flowers are desired in profusion. Select dry, rocky, or what is known as "poor" soil. In rich ground the plants run too much to leaves. They grow rapidly and the flower tones are cheerful.

TALL VARIETIES

Nasturtiums, Tall, Mixed A brilliant, effective mixture. Pkt. 10c; oz. 15c; 2 oz. 20c; ¼ lb. 35c; 1 lb. $1.00, post paid.

Nasturtiums, Variegated Leaved A mixture containing an unusual selection. Pkt. 10c; oz. 25c; 2 oz. 40c; ¼ lb. 75c.

Nasturtiums, Lobb's Mixed Larger than the tall Nasturtiums. Particularly desirable because of the profusion of flowers and intense brilliancy of the colors. Pkt. 10c; oz. 25c; 2 oz. 40c; ¼ lb. 75c.

DWARF VARIETIES

Nasturtiums, Cloth of Gold Fiery red, golden leaved. Pkt. 10c; oz. 25c; 2 oz. 40c; ¼ lb. 75c.

Nasturtiums, Pearl or Moonlight Amber white. Pkt. 10c; oz. 25c; 2 oz. 40c; ¼ lb. 75c.

Nasturtium, Ruby King Bluish rose. Pkt. 10c; oz. 25c; 2 oz. 40c; ¼ lb. 75c.

Nasturtiums, Exquisite, Dwarf, Mixed In this will be found varieties of both light and dark color foliage, stripes, blotches and veinings. Pkt. 10c; oz. 15c; 2 oz. 20c; ¼ lb. 35c; 1 lb. $1.00, post paid.

Schwill's Pansies

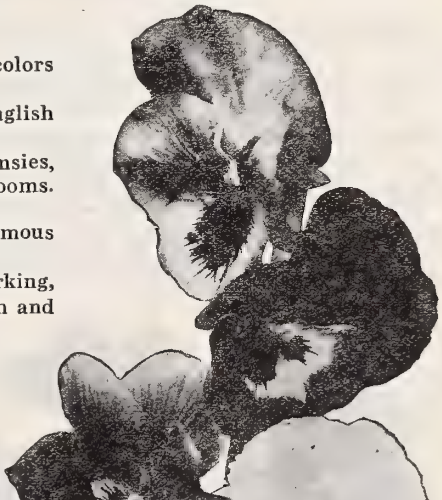
Pansy, Choice Mixed Our own mixture. This contains a wide range of colors and markings. Pkt. 10c; oz. $1.10.

Pansy, Extra Large Flowering, Mixed Our mixture of the best English varieties of Pansies. Pkt. 15c; oz. $2.95.

Pansy, Schwill's Superb Mixed This includes not only seeds of Giant Pansies, but also those of several of the large-flowered sorts, with highly colored blooms. Pkt. 15c; oz. $2.95.

Pansy, Giant Trimardeau A beautiful class; compact growers, with enormous flowers; finest mixed. Pkt. 15c; oz. $1.60.

Pansy, Prize Medal Mixture Unrivaled for diversity of coloring and marking, beauty of form and large size. Selected separate colors from best French, English and American growers; mixed and blended. Pkt. 20c; oz. $4.25.



Pansy

FLORIST'S PANSIES
Finest strain obtainable, rich in color and handsome in form. We can not recommend it too highly.
Pkt. 45c; oz. $7.50

Schwill's Phlox

Phlox, Drummondii, Mixed A splendid mixture of all colors; hardy annual. Pkt. 10c; oz. 95c.

Phlox, Mammoth, Large Flowering The largest flowering kinds are a decided improvement on the Drummondii, producing large flowers twice the size of the latter; mixed; hardy annual. Pkt. 10c; oz. $1.50.

Schwill's China Double Mixed Pinks

Phlox, Dwarf

Phlox, Hardy Perennial Large and showy; mixed colors; 3 feet. Pkt. 15c; oz. $3.75.

Phlox, Fireball Scarlet, superb when in full bloom; hardy annual. Pkt. 10c; oz. $1.75.

Phlox, Snowball Purest white flowers; hardy annual. Pkt. 10c; oz. $1.75.

Schwill's Pinks

Pink, China, Double Deeply fringed petals; mixed colors; hardy annual. Pkt. 10c; oz. 50c.

Pink, Double Diadem Superb, large double flowers; magnificent in color and variety; hardy annual. Pkt. 10c; oz. 95c.

Pink, Double Imperial Brilliant colors; mixed; hardy annual. Pkt. 10c; oz. 75c.

Pink, Crimson Bell Double; brightest scarlet; hardy annual. Pkt. 10c; oz. 95c.

Pink, Heddewiggi Double Japan Pink, mixed colors. Pkt. 10c; oz. 95c.

SCHWILL'S PETUNIAS

Petunias look best in beds. They are used also along walks and driveways and in window boxes, and they stand drouth exceptionally well.

Petunias grow with little attention or care, and in any soil, and bloom profusely all spring and summer. As Petunia seed is exceedingly fine, merely press it into the soil and after sowing, cover with chopped moss or sift a little sand over to cover, and, if possible, allow the water to soak up from beneath. The weakest-looking plants will develop into the handsomest flowers, so save all plants carefully. The colors range from white to deep red-purple and are striped and blotched.

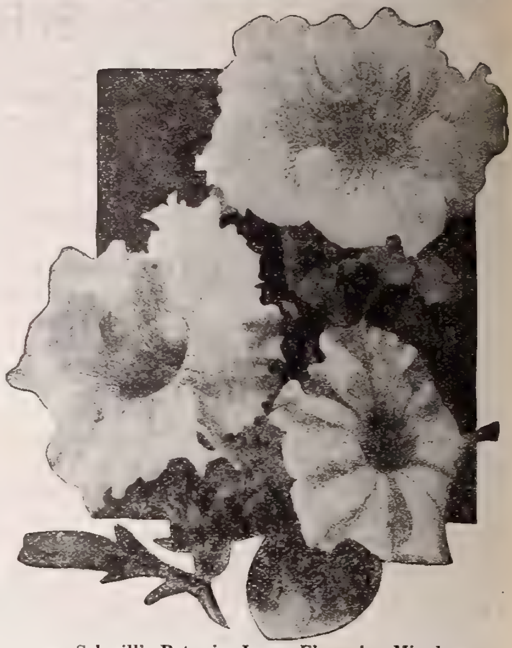
Petunia, Single A splendid mixture of varieties. **Pkt. 10c; oz. 80c.**

Petunia, Large Flowering Mixed. **Pkt. 15c; oz. $1.25.**

Petunia, Rosy Morn Soft pink with silver white throat. **Pkt. 15c; oz. $2.25.**

Petunia, Double Finest mixed. **Pkt. 25c.**

Petunia Theodosia Just a bit different from the Petunias you have seen before. In color a brilliant velvety pink with gold throat and black veins. In sealed packets only. **Pkt. 50c, postpaid.**



Schwill's Petunia, Large Flowering Mixed

Schwill's Poppies

Poppy, Carnation Double; mixed; superb; from many varieties; 2 feet; annual. **Pkt. 10c; oz. 25c.**

Poppy, Schwill's Superb Grand, large double flowers in every color; magnificent in form; annual. **Pkt. 10c; oz. 35c.**

Poppy, Shirley The handsome flowers are single, beautiful in color, from pure white to deep crimson; annual. **Pkt. 10c; oz. 35c.**

Poppy, Shirley, American Legion Just what you want in a new strain, brilliant orange scarlet with yellow anthers. **Pkt. 10c; oz. 75c.**

Poppy, Peony, Flowered Enormous size; perfectly double; always admired; mixed; annual. **Pkt. 10c; oz. 25c.**

SUGGESTIONS

For Hanging Baskets and Window Boxes
Alyssum, Lobelia, Nasturtium, Petunia and Verbena.

For Shady Spots
Balsams, Coreopsis, Foxglove Lobelia, Forget-Me-Not, Pansy, and Poppy.

For Borders
Ageratum, blue; Lobelia, blue; Alyssum, white; Candytuft, dwarf; Phlox, dwarf; Zinnia, red; Forget-Me-Not, blue; Portulaca, mixed.

Poppy, Perennial Hardy; coming up year after year; very effective among shrubbery; mixed hybrids. **Pkt. 15c; oz. $1.75.**

Poppy, California (**Eschscoltzia**)—Hardy annual, 1 foot. Especially valuable for growing in flower beds and masses. Sow where plants are to bloom. Bright, showy flowers and feathery foliage. **Pkt. 10c; oz. 40c.**

Portulaca

Portulaca, Fine Single Mixed Also known as Rose Moss, an annual, which grows in a hot, dry place, where almost any other plant would die. Sow between stones in the walk. **Pkt. 10c; oz. $1.00.**

Portulaca, Double Mixed A large proportion will come very double; tender annual. **Pkt. 10c; oz. $2.80.**

Rudbeckia (Cone Flower—Bicolor Superba) Grows about 2 feet high, forming a many-branched dense bush, and producing its long-stemmed flowers in greatest abundance. Disk brown; florets yellow with brown spots at the base; 2 feet; annual. **Pkt. 10c; oz. $1.25.**

Ricinus (Castor Oil Plant) Rapid growing plants with palm-like foliage and showy fruits. Used with decorative effect, planted singly on the lawn or in the center of a Canna or Caladium bed, 6 to 15 feet. Mixed; all the plain and fancy sorts; tender annual. **Pkt. 10c; oz. 25c.**

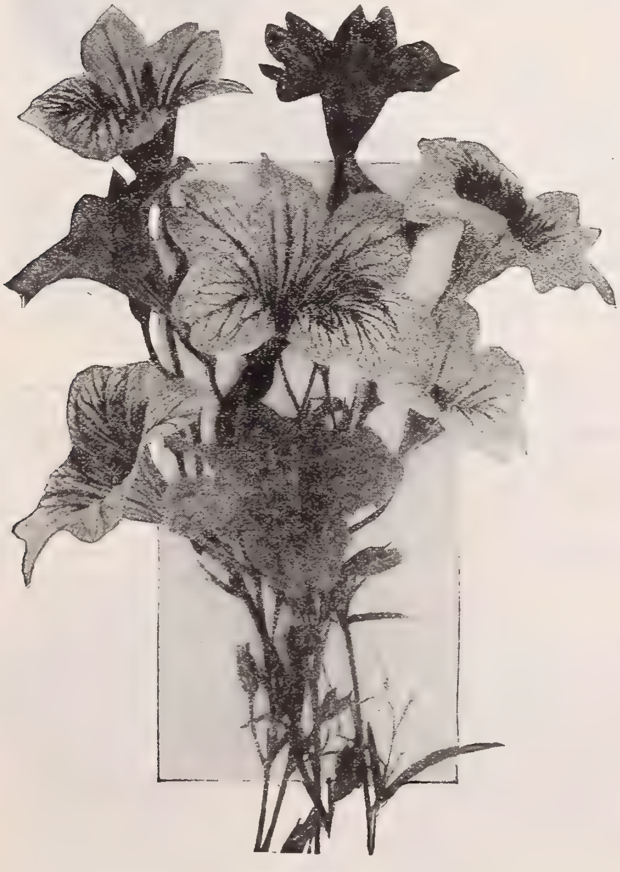
Salpiglossis Annual, about 18 inches high, bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced; mixed. **Pkt. 10c; oz. $1.00.**

Scarlet Runner Beans A great favorite as an ornamental climber; bright scarlet spray; of pea-shaped blossoms. **Pkt. 10c; oz. 15c.**

Sweet William

Sweet William, Single Handsome colored flowers; mixed; hardy perennial. **Pkt. 10c; oz. 50c.**

Sweet William, Double Finest double flowers; hardy perennial. **Pkt. 10c; oz. 90c.**



Salpiglossis

SCHWILL'S SALVIA

No Garden is Complete Without It

(Flowering Sage). Numbered among the most brilliantly colored of garden flowers. It is a strong grower and flowers freely. It bears its blooms in long spikes, well above the foliage and is useful for bedding, cutting and pot culture. Because of its outstanding color it looks fine as a border. Flourishes in the sun. Can be started early and transplanted or may be sown outdoors, after the ground is warm.

Salvia, Splendens (Scarlet Sage) Gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. **Pkt. 15c; oz. $3.00.**

Salvia, Bonfire Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet; one of the finest. **Pkt. 15c; oz. $3.75.**

Salvia, Blue A perennial variety, but best grown as an annual. Seed sown in the open, grown in May, blooming from July to frost. The five light-blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 to 3 feet. **Pkt. 15c; oz. $3.75.**

Salvia

Schizanthus

Schizanthus Few annuals can surpass in beauty the Schizanthus, so much so that it has been aptly called "The Poor Man's Orchard." Large flowered hybrids. **Pkt. 10c; oz. $1.25.**

Sensitive Plant One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. **Pkt. 10c.**

Sweet Rocket Grows 2 to 3 feet high, bears spikes of showy, fragrant flowers, all colors, mixed; hardy perennial. **Pkt. 10c; oz. 65c.**

Stocks (Gilliflower) The free-blooming, fragrant and charming colors of the Stock have brought it into great popularity for both summer and winter flowering. For beds and borders they are very effective. Annual. **Pkt. 10c; oz. 85c.**

Sunflower

Double Dwarf Sunflower Four feet. **Pkt. 10c; oz. 40c.**

Globe or Gold Sunflower Four and one-half feet. **Pkt. 10c; oz. 35c.**

Double Tall Sunflower Seven feet. **Pkt. 10c; oz. 30c.**

Stella or Star Single Sunflower 3 ft. **Pkt. 10c; oz. 75c.**

Thunbergia

Thunbergia (Sometimes called Blackeyed Susan)—An excellent trailing or bedding plant; very popular. Hardy annual. **Pkt. 10c; oz. $1.25.**

Vinca (Periwinkle) Dark-green foliage, handsome rose and white single flowers; very effective for beds and borders. Blooms continuously all summer from seed sown early in March; half hardy perennial.

Vinca, Alba Pure white. **Pkt. 10c; oz. $1.50.**

Vinca, Rosea Bright rose. **Pkt. 10c; oz. $1.50.**

Vinca, Mixed Several colors, mixed. **Pkt. 10c; oz. $1.50.**

Wallflower Very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant; single, mixed; half hardy perennial. **Pkt. 10c; oz. 50c.**

Wild Cucumber This is the most rapid growing vine we know of. It will reach a height of 30 feet in one season. It is thickly dotted over with pretty, white flowers, followed by quantities of ornamental and prickly seed pods. **Pkt. 10c.**

SCHWILL'S VERBENA

This is an annual, ranging in color from white to deep purple and is suitable for borders, window boxes and massing in beds on the lawn. When sown in May, in the open, it usually bears large clusters of showy flowers until frost. Each cluster is about two inches across and numbers a dozen or more single flowers. Soak the seed in lukewarm water, before planting, to hasten germination. Carefully prepare and fertilize the soil before planting and cover the seed about a quarter of an inch. Transplant in rows two feet apart, the plants two feet apart in the rows.

Verbena, Choice Mixed All shades. **Pkt. 10c; oz. $1.00.**

Verbena, Mammoth Mixed Large flowering. **Pkt. 10c; oz. $1.50.**

Verbena, Mammoth Blue You'll like it. **Pkt. 10c; oz. $2.50.**

Verbena, Scarlet Defiance Large flowering. **Pkt. 10c; oz. $2.00.**

Verbena, Mammoth Pink Large flowering. **Pkt. 10c; oz. $2.00.**

Verbena, Mammoth White Large flowering. **Pkt. 10c; oz. $2.00.**

Verbena, Mammoth Purple Large flowering. **Pkt. 10c; oz. $2.00.**

Sunflower

SCHWILL'S ZINNIAS

CULTURE—Select good, rich soil and sow the seed in early spring, preferably in rows about one and a half feet apart. Cover about one-fourth inch. Thin to six inches apart when the young plants are one to two inches high. The flowering season is June to November. When all other flowers have been killed by frost, the Zinnia usually is still blooming. It is used for bedding borders and cutting and is remarkable for its range and depth of colors. In some localities it is known as Youth and Old Age.

Zinnia Lilliput

A dwarf type for bedding and border use. The plants grow a foot high and bear small, short-stemmed, double flowers, the size of a daisy. **Pkt. 10c; oz. 95c, post paid.**

Dahlia-Flowered Zinnia

Crimson Monarch—By far the largest and the best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. **Pkt. 20c; 1 oz. $2.25, post paid.**

Purple Prince—A fine deep purple, large and well-formed. **Pkt. 20c; 1 oz. $2.25, post paid.**

Polar Bear—A large pure white, the best white yet seen in Zinnias. True Dahlia form. **Pkt. 20c; 1 oz. $2.25, post paid.**

Buttercup—An immense deep creamy yellow. A very desirable flower, which should be included in every collection. **Pkt. 20c; 1 oz. $2.25, post paid.**

Exquisite—Truly Dahlia flowered as regards form and size. Color light rose with center a deep rose. **Pkt. 20c; 1 oz. $2.25.**

Golden State—Rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom. **Pkt. 20c; 1 oz. $2.25.**

Oriole—An immense orange and gold bi-color, changing slightly as it ages, but at all times worthy of the bird for which it is named. **Pkt. 20c; 1 oz. $2.25.**

Schwill's Dahlia-Flowered Mixed—Its color range is very good, including the varieties named above. Thoroughly rogued in the field for type and size. **Pkt. 20c; 1 oz. $2.25, post paid.**

Dahlia-Flowered Zinnia

As its name indicates, the Dahlia-Flowered Zinnia resembles the Dahlia. This applies not only to color and shape, but also to size, the flowers often measuring more than four inches across. It is easily grown, for it is not particular as to soil, and will thrive in any climate.

Order at These Bargain Prices

If you wish to take advantage of a group purchase here is another chance. In this collection we will mail one package each of any six of the varieties of Dahlia Flowered Zinnia listed above. Make your own selection, actual value, $1.20, post paid for.. **99c**

Double Zinnia

This is the original type, more familiarly known than the Dahlia-Flowered. In borders or in masses it is gay and gaudy, furnishing a striking color for decorative or general purposes.

Double Zinnia Collection

49c

Double Zinnias in collection are always big favorites with our customers and we are again able to offer a bargain to you. We will mail six 10c-size packages (value 60c), colors as listed, postpaid, for **49c**

True Scarlet—Bright and flaming. **Pkt. 10c; oz. 95c.**

Lily White—Pure as snow. **Pkt. 10c; oz. 95c.**

Red Princess—Deep rich shade. **Pkt. 10c; oz. 95c.**

Rose Queen—Soft, delicate and attractive. **Pkt. 10c; oz. 95c.**

Orange King—Real golden tint. **Pkt. 10c; oz. 95c.**

Purple Prince—Regal, livid, impressive. **Pkt. 10c; oz. 95c.**

Mammoth Mixed—Combines six colors above. **Pkt. 10c; oz. 95c.**

ASSORTED-ZINNIAS

Schwill's Certified Sweet Potato Plants

Photo of Slips Ready for Shipment

Plant Rules

1. We will not ship plants C. O. D.
2. We will not ship less than the amounts priced on this page.
3. We can not ship out of season.
4. Plants are always shipped separate from your seed order and follow a few days later. So don't write us about the delay.

Lettuce Plants

Ready March 1st, and up to May 1st

Big Boston New York

Prices, Hotbed Stock, 50 for 35c; 100 for 60c, post paid. By express, not prepaid, 100 for 45c; 1000 for $3.00.

Beet Plants

Ready March 10th to May 1st

Eclipse Early Detroit Crosby's Egyptian

Prices, Hotbed Stock, 50 for 35c; 100 for 60c, post paid. By express, not prepaid, 100 for 45c; 500 for $2.00.

Tomato Plants

Ready March 25th, and up to June 1st

Our own growing; all first-class stock; varieties as follows:

Acme, Earliana Livingston's Globe Stone
Early Detroit Gulf State Market Ponderosa

Prices, Hotbed Stock, or Seedling Plants, 50 for 45c; 100, 75c, post paid. By express, not prepaid, 100 for 60c; 1000 for $4.50.

Prices, Transplanted Stock, 50 for 90c; 100, $1.50, post paid. By express, not prepaid, 100 for $1.25; 1000 for $10.00.

We offer two varieties—Nancy Halls and Porto Ricans—both grown from our own seed and shipped direct from our own certified beds. No delays. Ready April 25 to June 1.

Mississippi Shipments

Owing to damaging delays by mail—due to rerouting of packages—we will not make parcel post shipments into this state under any conditions. All orders must go by express.

Please give the name of the nearest express office if it is different from your post office.

PRICES

PARCEL POST (Prepaid)	EXPRESS (Not Prepaid)
100 for 45c	100 for 35c
500 for $1.65	500 for $1.50
1,000 for $3.15	1,000 for $2.75

Bermuda Onion Plants

Plant the same time you set out cabbage plants or onion sets. When planted 3 inches apart in 3-foot rows you will need 40,000 to the acre. The onions, produced by these plants, mature two weeks earlier than those raised from sets. We offer two kinds, Crystal White Wax and Yellow or Straw Colored Bermuda.

PRICES

Small Lots, Either Variety

By parcel post, 100 for 35c; 500 for $1.15; 1,000 for $1.75. No orders filled for less than 100 plants of a variety. By express, not prepaid, 100 for 25c; 500 for 95c; 1,000 for $1.50.

Crate Lots, 6,000 Plants Per Crate

YELLOW BERMUDA

By express, F. O. B. Memphis, per crate	$6.25
By express, F. O. B. growing station	4.25

CRYSTAL WHITE WAX

By express, F. O. B. Memphis, per crate	$6.75
By express, F. O. B. growing station	4.50

NOTE—Express charges from growing station to points in the Memphis district should be about $1.35 per crate. At the above prices we will not ship less than a full crate of either variety. We will not split crates.

VEGETABLE PLANTS

Egg Plants

Ready April 20th, and up to June 1st

Black Beauty New York Improved Purple

Prices, Hotbed Stock, doz. 40c; 100 for $1.50, post paid. By express, not prepaid, 100 for $1.25.

Prices, Transplanted Stock, doz. 75c, post paid. By express, not prepaid, 100 for $4.00.

Celery Plants

Ready April 15th, and up to June 1st

White Plume Golden Self-Blanching

Prices, Hotbed Stock, 50 for 50c; 100 for 75c; 500 for $2.50, post paid. By express, not prepaid, 100 for 65c; 500 for $2.25.

Cauliflower Plants

Ready March 10th, and up to May 1st

Early Snowball Dry Weather

Prices, Strong Hotbed Stock, 50 for 90c; 100 for $1.50, post paid. By express, not prepaid, 50 for 75c; 100 for $1.25.

Pepper Plants

Ready April 20th, and up to June 1st

Chinese Giant Long Red Crimson Giant

Prices, Hotbed Plants, doz. 40c; 100 for $1.50, post paid. By express, not prepaid, 100 for $1.25.

Prices, Transplanted Stock, doz. 75c, post paid. By express, not prepaid, 100 for $4.00.

GREEN PODDED BUSH OR SNAP BEANS

CULTURE—Two pounds will plant 100 feet of drill. Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until September. Rows may be made 2 feet apart, and the beans planted a few inches apart in the drills, or 3 or 4 beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string beans, gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

Stringless Green Pod (Burpee's)

This is one of the most popular and best of the stringless varieties. It is earlier than the Valentine, absolutely stringless, hardy, vigorous and productive. Pods are long and straight, round, meaty, of pale green color, and remain tender and crisp a long time after maturity, and are of excellent flavor. ½ lb. 25c; 1 lb. 50c; 2 lbs. 95c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 40c; 2 lb. 80c.

Black Valentine

This bean has beautiful, large pods about 6 inches long, slender, round and nearly straight; stringy, fibrous though fine-grained, dark green in color. Seed black. An early, productive, profitable gardener's variety. The plant is more vigorous and productive than the Red Valentine and pods darker green. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Longfellow

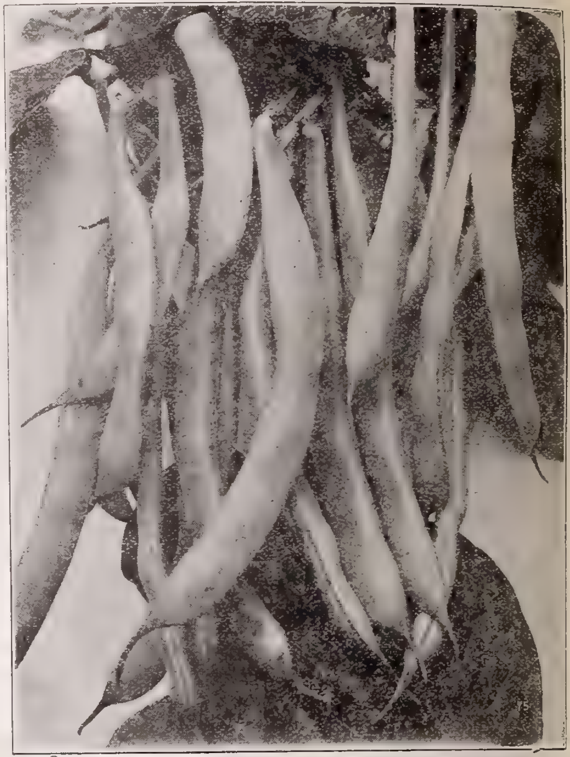
This is a market gardener's special. Pods are long, straight and round, fleshy and of dark green color, 7 to 8 inches in length. Usually they bear six seeds. Very early and prolific. ½ lb. 25c; 1 lb. 50c; 2 lbs. 95c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 40c; 2 lbs. 80c.

Bountiful

A very popular and excellent early green-podded bush bean. Its vigorous plants bear thick, flat pods, light green in color and 6 to 7 inches long. These pods are tender and brittle, uniform, solid, meaty and stringless. Has flavor all its own. ½ lb. 30c; 1 lb. 55c; 2 lbs. 95c, post paid. Not prepaid, ½ lb. 25c; 1 lb. 45c; 2 lbs. 85c.

Improved Refugee (1,000 to 1)

For late planting for snaps and a favorite for canning and shipping. Pods are about five inches long, round, slightly curved and light green in color. Matures in about 45 days and is resistant to drouth, cold and unfavorable growing conditions. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.



Burpee's Stringless Green Pod Bush Beans

MISCELLANEOUS

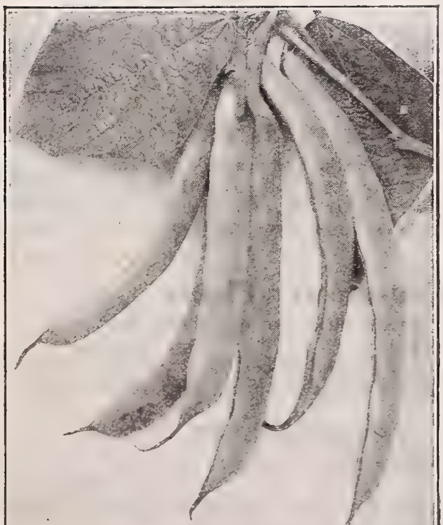
ARTICHOKE, Large Green Globe—Cooked like asparagus. Pkt. 5c; oz. 60c; post paid.

BROCCOLI, Early White Cape—Pkt. 10c; ½ oz. 40c; 1 oz. 75c; post paid.

BRUSSELS SPROUTS, Dwarf Improved—Pkt. 10c; 1 oz. 35c; 2 oz. 60c; ¼ lb. 90c; post paid.

Hopkins' Improved Red Valentine

An improved strain of the Red Valentine, and one of the best of the green podded snaps for market gardeners to plant. It is earlier than Valentine and it is usually ready to pick in forty-five days from planting. The pods are somewhat longer and more round and the seeds darker in color. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.



Bountiful

Improved Extra Early Red Valentine

A standard variety, extra early and for snaps there is nothing superior to this variety among the green podded sorts, both for home use or the market. The pods are round, long, slightly curved and of excellent quality. The seed we supply is produced from stock seed that was selected for both earliness and quality. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Giant Stringless Green Pod

This is an exceedingly productive and handsome variety. The plants are very hardy and productive. The pods are large and nearly round, somewhat similar to the Burpee's Stringless, but a little longer and straighter and a slightly lighter color and mature a few days later. The quality is good for snaps for home use as well as suitable for the market. ½ lb. 30c; 1 lb. 55c; 2 lbs. 95c, post paid. Not prepaid, ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c.

Tennessee Green Pod

This early midseason variety is very popular in some sections of the South and elsewhere after a trial. The plant is vigorous, hardy, midseason and very productive. The pods are extremely large and often 6 to 7 inches long, flat, irregular in shape, dark green in color and of exceptionally fine flavor, and very near stringless. ½ lb. 25c; 1 lb. 45c; 2 lbs. 85c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 70c.

WAX PODDED BUSH OR SNAP BEANS

CULTURE—Two pounds will plant 100 feet of drill. Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until September. Rows may be made 2 feet apart, and the beans planted a few inches apart in the drills, or 3 or 4 beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string beans, gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

Davis White Kidney Wax Bush Bean

Prolific Black Wax

This improved strain of Black Wax is exceptionally productive and early. The pods are round, about 5 inches long, fleshy, brittle and stringless, deep yellow in color and attractive, and one of the standard sorts. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Currie's Rust Proof Wax

One of the most popular of the wax sorts with the market gardeners, as it is not only early and productive, but absolutely rust proof. The pods are 5 to 6 inches long, flat and straight, of bright yellow color. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Improved Golden Wax

This is probably the most popular of the wax varieties and one of the best. It is early, productive and rust proof. The pods are about 4 inches long, very stout, and more straight than the Golden Wax. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Currie's Rust Proof Wax Bush Bean

Davis White Kidney Wax

This is a well known market sort, being early and productive, and a good shipping variety. The pods are 6 to 7 inches long, large and flat, very uniform and straight, stringy and fibrous, of fair quality. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Wardwell's Kidney Wax

A very popular, early gardeners' variety. Pods large, 5 to 6 inches long, moderately stout, straight and flat, fleshy, brittle, fine-grained and nearly stringless, and of good quality. ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

ASPARAGUS SEED

Martha Washington—Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb., $1.35; post paid.

Mary Washington—Pkt. 5c; 1 oz. 20c; ¼ lb. 55c; 1 lb. $1.80; post paid.

ASPARAGUS ROOTS

(2-Year Roots)	1 Doz.	50	100
Martha Washington	$ .75	$1.25	$2.25
Mary Washington....	.90	1.50	2.75
(3-Year Roots)	1 Doz.	50	100
Martha Washington	$1.00	$1.75	$3.25
Mary Washington....	1.15	2.00	3.75

NOTE—Above prices are f. o. b. Memphis. By mail, post paid, please add 10c for a dozen; 20c for 50, and 35c for 100 roots.

Improved Golden Wax Bush Bean

POLE, OR RUNNING BEANS

CULTURE—Two pounds will plant about 150 hills. Pole Beans require warm, rich, loamy soil and, in the South, should not be planted until two weeks later than Bush Beans. Plant in rows 4 feet apart each way, or in drills if wire trellis is used. Plant 4 to 6 beans around each pole, or 2 to 3 beans may be planted in hills a foot apart under a wire trellis. Cultivate freely and, if possible, top dress around each hill with a small quantity of commercial fertilizer. When hoeing work this dressing well into the soil.

Pole Bean, Kentucky Wonder

Kentucky Wonder

Sometimes called Old Homestead. This is no doubt the most popular and practically useful of the green podded pole beans for use as snaps. It is early, very prolific, with showy pods of the most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are very long, often measuring 9 to 10 inches, and are light green in color, curved and twisted nearly round, and very crisp when young, becoming irregular and stringy as they ripen. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Scotia Cornfield

(Striped Creaseback)

A very hardy and productive cornfield bean. The vines are of good climbing habit with small deep green leaves. The pods are often over 6 inches long, round, straight and creasebacked; slightly stringy, very fleshy, fine-grained and of good quality. **½ lb. 20c; 1 lb. 40c; 2 lbs. 65c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 50c.**

White Creaseback

This variety is valuable for its extreme earliness and its habit of perfecting all its pods within a short time. The vines are medium-sized, hardy and moderately productive. The pods measure 5 to 6 inches long, uniform, round and slender, slightly stringy, very fleshy, brittle and fine grained, good quality and dark green color. **½ lb. 20c; 1 lb. 40c; 2 lbs. 65c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 50c.**

Red Speckled Cut Short

Sometimes called Corn Hill owing to its being largely planted in the South among the corn. It will give a good crop when planted among the corn, as the vines are medium size but very hardy and productive, though somewhat late. The pods are nearly 4 inches long, stout, straight and flat, stringy, fine-grained and light green color, of fair quality. **½ lb. 20c; 1 lb. 40c; 2 lbs. 65c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 50c.**

McCaslan Pole

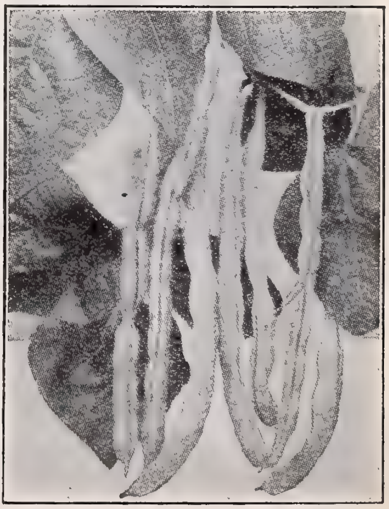
The McCaslan is a pole snap bean, and should be planted in every garden, as it is very prolific, with large size pods that fill perfectly, and in "snap" stage are deep green in color, meaty, stringless and of delicious flavor. Vines will bear throughout the season if kept closely picked. When allowed to ripen the shell beans are most excellent for winter use, being pure white. **½ lb. 20c; 1 lb. 40c; 2 lbs. 65c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 50c.**

Lazy Wife

One of the best of the late green podded sorts for soups or green shell use. The pods are borne in large clusters, are nearly 6 inches long, broad, straight and flat, stringless, very fleshy, brittle, fine-grained and of excellent quality. The dry beans are excellent for winter use. **½ lb. 20c; 1 lb. 40c; 2 lbs. 65c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 50c.**

Kentucky Wonder Wax

This is one of the earliest of the wax podded sorts, and similar to the green podded Kentucky Wonder, but the pods are broader. The pods are very long, handsome light yellow, often over 8 inches long, very fleshy, brittle but stringy. **½ lb. 25c; 1 lb. 45c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.**



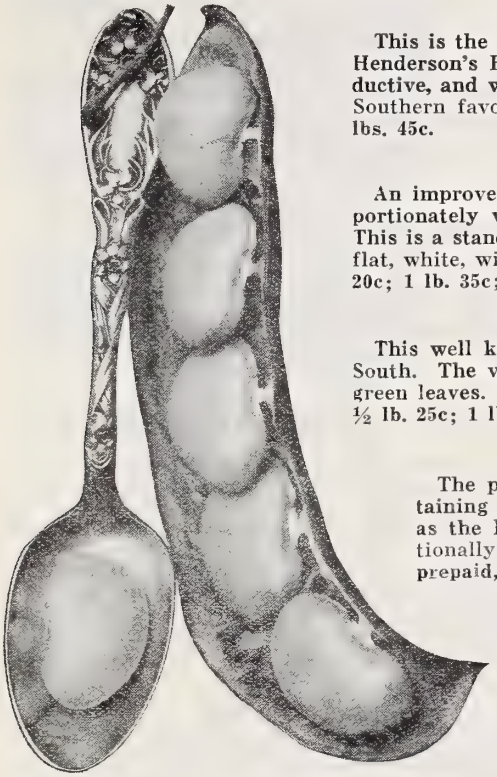
Kentucky Wonder Wax Pole Bean

Buy This Bean Bargain

Select any three varieties of beans on this page, buy them together and save nearly 20 per cent on this one transaction. Three half-pound packages, value 60c, post paid for.......................... **50c**

LIMA BEANS, POLE VARIETIES

CULTURE—One quart will plant about 150 hills. Pole Limas require warm, rich, loamy soil. Plant when the soil has become well warmed through in the spring, as the seed will rot in cold, soggy soil. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans around each pole 2 inches deep and thin out to three plants to the pole. Cultivate frequently but shallow, and use a top dressing of good commercial fertilizer or poultry manure.



King of the Garden

Carolina Sieva or Small Lima

This is the true Butter Bean. The seed beans are very small and white, on the order of Henderson's Bush Lima. The plants are of large growth, very early, vigorous and productive, and will stand more heat and drouth than any other of the Limas, and is a truly Southern favorite. ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

King of the Garden

An improved strain of the Large White Lima. The pods are about an inch longer, proportionately wider, and uniformly 4-seeded. The vines are hardy and bear abundantly. This is a standard sort and one of the best for main crop. The seed are very large, ovoid, flat, white, with slight greenish tinge. ½ lb. 25c; 1 lb. 45c; 2 lbs. 75c. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Large White Lima

This well known variety is one of the best of the larger varieties for planting in the South. The vines are tall and vigorous, but slender, with medium-sized smooth, medium green leaves. The pods are borne in clusters and are over 5 inches long, broad, very thin. ½ lb. 25c; 1 lb. 45c; 2 lbs. 75c. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Schwill's Monstrous Lima

The pods of this variety are very large, often measuring 8 inches long and containing seven beans of the most excellent quality, and bearing about the same time as the Large Lima, and the vines are vigorous and strong-growing and are exceptionally productive. The seed are very large. ½ lb. 25c; 1 lb. 45c; 2 lbs. 75c. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

Calico or Irish

A great favorite and a wonderful producer in the South. These beans are blotched, blue and red mottled and medium in size. Also known in some sections as the Florida Butter or Speckled Pole Lima. You'll like them. ½ lb. 25c; 1 lb. 45c; 2 lbs. 75c. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c.

DWARF OR BUSH VARIETIES

CULTURE—Two pounds will plant 100 feet of row, or 3 pecks to the acre. Bush Limas require the same cultivation as stated above for Pole Limas, except that the rows should be 2 feet apart and 6 inches of space between each plant in the row.

Henderson's Bush

One of the most valuable of the bush varieties owing to its extreme earliness, hardiness and productiveness. The plants are without runners but continue to grow and set until stopped by frost The leaves are small and very dark green. The pods are small, about 3 inches long, containing 3 to 4 beans, which are of excellent quality either green shelled or dry. This variety is much in favor with the canners and none better for the home garden. ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Fordhook Bush

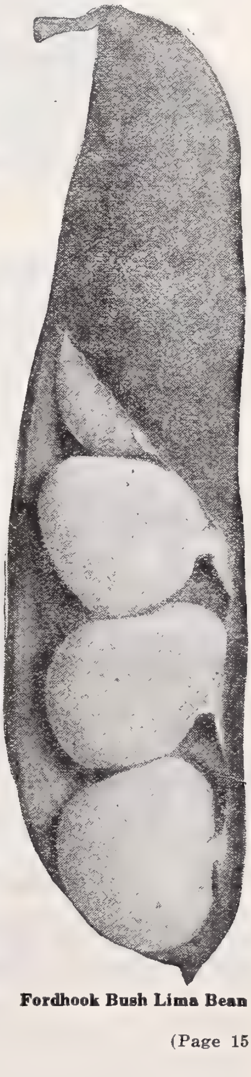
This is a distinct variety of strong, erect and bush-like growth, 25 to 30 inches in height. The foliage is heavy and dark green. The pods, borne in clusters, are 4 to 5½ inches long and contain 3 to 5 seeds. Fordhook is a heavy yielder and is early. ½ lb. 30c; 1 lb. 55c; 2 lbs. 90c. Not prepaid, ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c.

Well Pleased

"I am well pleased with your products and service and that is why I order from you."—MRS. J. W. MILLS.

Burpee's Improved Bush

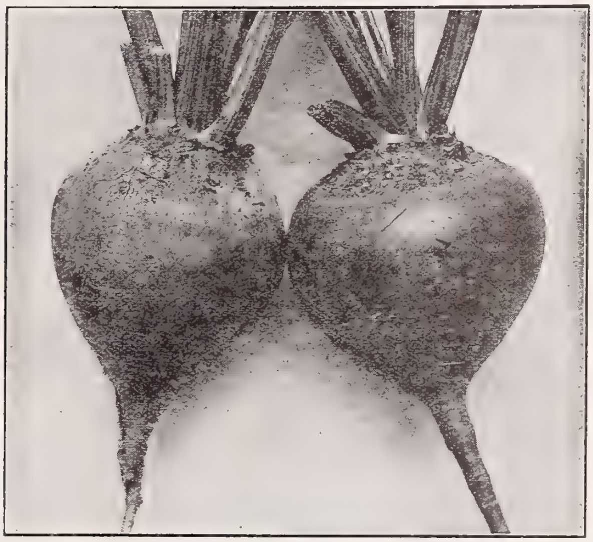
This is one of the earliest of the large seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, containing 4 unusually thick and very large beans of excellent quality. Seed very large, thick and usually show a greenish tinge, which is generally considered an indication of quality. ½ lb. 30c; 1 lb. 55c; 2 lbs. 90c. Not prepaid, ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c.



Fordhook Bush Lima Bean

SCHWILL'S TABLE BEETS

CULTURE.—One ounce will sow 50 feet of drill; 5 to 6 pounds to an acre. Fibrous loam, well drained and well enriched, will raise good beet crops. For early table beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or, seed may be sown under glass four weeks sooner and the young seedlings transplanted to open ground to give an extra early crop. Give thorough and clean cultivation, and thin the plants to 3 to 4 inches apart in the rows.



Detroit Dark Red Beet

Detroit Dark Red

One of the very best for home or market garden and for canning purposes. Roots uniformly smooth, of medium size and globe-shaped; skin dark red, flesh solid vermilion red Tops are small, upright, dark green, shaded red; quality the best. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 65c; 5 lb. $2.35, post paid.

Crosby's Egyptian

This is the earliest in the market. It does not closely resemble the original Egyptian except in its extreme earliness. Roots a flattened globe shape; skin very dark red, flesh a trifle lighter in color and lightly zoned; tops small. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 65c; 5 lb. $2.35, post paid.

Schwill's Market Gardener

Our gardeners' favorite, owing to its extreme earliness and uniformity in both shape and color. It is without a doubt the best beet for the home, gardener or for canning. The tops are small and upright in growth. The leaves dark green, shaded red. The roots are medium size, globular, very smooth and of dark blood red color, while the flesh is a deep vermilion red, zoned with lighter shade. It is unsurpassed in quality. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lb. $4.50, post paid.

Long Smooth Blood

A standard long, late variety, roots smooth, rather slender, flesh deep purplish red. It is of good quality and keeps well through the winter. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 65c; 5 lb. $2.35, post paid.

Early Wonder

This is an improvement on Crosby's Egyptian, being slightly earlier and finer in quality. In other respects it resembles this well known variety. Pkt. 5c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 85c; 5 lb. $3.50, post paid.

Early Eclipse

An early variety, especially desirable for the home garden, and used for bunching. The roots are medium size, round, bright deep red with small tops. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 65c; 5 lb. $2.35, post paid.

Early Blood Turnip, Improved

An extra select stock of the old standard table beet; roots nearly round or slightly flattened, bright red, zoned, and of good quality. Not as early as Detroit, with a larger, coarser top. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 65c; 5 lb. $2.35, post paid.

Schwill's Sugar Beets

CULTURE—One ounce will sow 50 feet of drill; 6 pounds for an acre. The sugar beets are desirable not only for sugar making, but are valuable for stock feeding, and when small may be used for the table. The best soil is a rich, friable sandy, or clayey loam. Rich, mucky soil will often give immense yields of roots which, though excellent for feed, are of little value for sugar making. Plant early in spring in drills 2 to 2½ feet apart, and about 1 inch apart in the row, covering with about 1½ inches of fine soil firmly pressed down. Cultivate frequently. When about 3 inches high begin thinning.

Lane's Imperial

This beet will yield almost as much in bulk as the best mangels and contains more sugar. The roots are smooth, broad at the top and gradually taper. Flesh snow white and crisp. Pkt. 5c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c; 5 lb. $2.50, post paid.

Klein Wanzleben

The roots are larger than Vilmorin's Improved and is hardier and easier grown. The tops are rather large and the leaves slightly waved. It is the largest yielding and best for sugar making. Pkt. 5c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c; 5 lb. $2.50, post paid.

Giant Feeding Sugar

Sometimes called Half Sugar Mangel, and one of the most desirable for stock feeding, affording much larger crops and easier harvested than other sorts. It has high nutritive value. Pkt. 5c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c; 5 lb. $2.50, post paid.

Mangel Wurzel

Mammoth Long Red

The largest stock beet, yields 40 to 50 tons to the acre. Will grow in land containing more alkali than any other beet. All stock except horses eat it readily. The roots are very large, uniformly straight and the flesh is white, tinged with rose. Pkt. 5c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. $3.00, post paid.

Golden Tankard

The tops are comparatively small, with the 1-leaf stalk and veins distinctly tinged with yellow. The neck is small. The roots are large, ovoid, but with bottom usually of larger diameter than top, light gray above the ground, deep orange below. The flesh is yellow, zoned with white. Pkt. 5c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 75c; 5 lb. $3.00, post paid.

SCHWILL'S CARROTS

CULTURE—The Carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops, sow in spring, as soon as the ground is in good working order; for late crops they may be sown any time until the middle of July. Sow in rows about 15 inches apart, thinning out to 3 inches between plants.

One ounce of seed will sow 100 feet of drill; 2 to 3 pounds to the acre.

Danvers Half Long Carrot

Danvers Half Long

Flesh dark orange; smooth, handsome roots of medium length; tapering uniformly to a blunt point; very productive and a great favorite with market gardeners. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. 95c; 5 lb. $4.25, post paid.**

Chantenay Carrot

The tops are medium sized with small necks. The mature roots of deep golden orange color; thick, five and one-half to six inches in length; uniformly half-long to stump-rooted, but tapering slightly and smooth. The flesh is very crisp and tender. Although a medium early sort, the roots are suitable for use as early as any. **Pkt. 5c; oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. 85c; 5 lb. $3.75, post paid.**

Early Scarlet Horn

Not large, but a favorite for early crop. Small tops, stump rooted, orange flesh and fine grain. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. 85c; 5 lb. $3.75, post paid.**

Chantenay Carrot

Improved Long Orange

An old standard and very popular variety, growing to large size; fine for market; one of the best varieties for stock feeding. **Pkt. 5c; 2 oz. 25c; ¼ lb. 35c; 1 lb. 85c; 5 lb. $3.75, post paid.**

Ox Heart

Stump rooted; 3 or 4 inches in diameter, flesh bright orange, fine grained and sweet; very productive. Where other varieties require digging, Ox Heart is easily pulled. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. 85c; 5 lb. $3.75, post paid.**

Yellow Belgian Carrot

Large yellow root, with green top, grown exclusively for feeding stock. **Pkt. 5c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 75c; 5 lb. $3.25, post paid.**

SCHWILL'S IMPORTED CAULIFLOWER

CULTURE—One ounce will produce about 2,000 plants. Sow in hotbeds early in January and transplant any time suitable after the first of March, the earlier the better, as cauliflower thrives best in moderate cool weather. For late crop, sow at same time as for late cabbage and treat in the same manner.

Cauliflower, Early Snowball

Cauliflower Plants on Page 11
Ready in March

Early Snowball

(Danish Grown.) A fine variety, great favorite and standard throughout the country; very early, close growing, of compact habit. It is without doubt one of the most satisfactory early varieties. The heads are large. For early or late planting, for family or market garden, this kind can be depended on. **Pkt. 10c; 1 oz. $1.50; ¼ lb. $4.25, post paid.**

Celery

VARIETIES—Golden Self-Blanching, White Plume, Celeriac Large Smooth.

PRICES—**Pkt. 5c; 1 oz. 25c; 2 oz. 40c; ¼ lb. 75c, post paid.**

Chicory

Large Rooted or Coffee—Pkt. 10c; oz. 30c, post paid.

Witloof-Chicory, or French Endive—Pkt. 10c; 1 oz. 50c; 2 oz. 90c, post paid.

Cress

Curled or Pepper Grass—Pkt. 10c; 1 oz. 20c; 2 oz. 30c, post paid.

True Water—Pkt. 10c; 1 oz. 20c; 2 oz. 30c, post paid.

Corn Salad

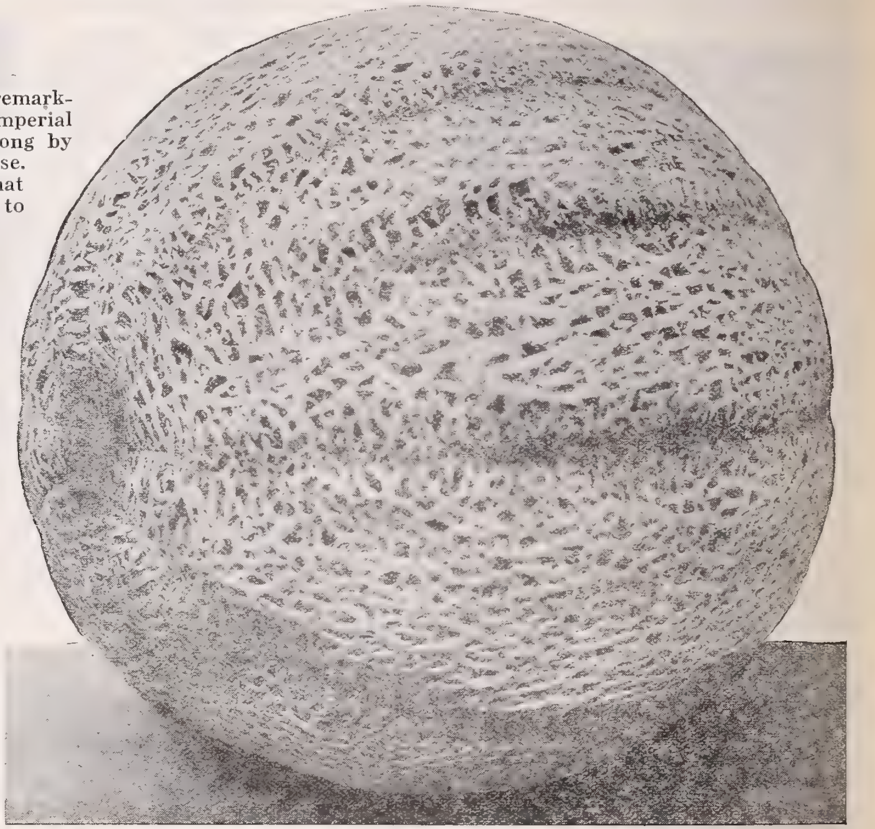
Large Round-Leaved—Pkt. 10c; 1 oz. 15c; 2 oz. 25c, post paid.

Dandelion

Improved Thick-Leaved—Pkt. 10c; ½ oz. 35c; 1 oz. 50c, post paid.

CANTALOUPE, OR MUSKMELON

CULTURE—One ounce will plant about 50 hills; 2 lbs. to the acre. Melons thrive best in a light, rich soil. Plant late in April or early in May, when ground has become warm and dry, hills about 5 ft. apart each way. Previous to sowing seed mix a few shovelfuls of well-rotted manure in each hill, plant in each 12 to 15 seeds; when they begin to vine, thin to 3 or 4 of most thrifty plants.



Hale's Best

Hale's Best

TRY THIS ONE!

In Hale's Best we are offering to you a remarkably early shipping melon from the Imperial Valley, California, and you won't go wrong by giving it a trial for home or for market use. If you like Mammoth Rocky Ford or that wonderful Pollock 10-25, you are certain to be pleased with Hale's Best.

It is oval in shape, about 6 inches long by 4½ inches in diameter, with heavy netting and distinct ribbing. The flesh is exceptionally thick and a deep salmon in color. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.35, post paid.**

Honey Ball

A really fine melon, a cross between Honey Dew and Cannon Ball. Is hardier than the Honey Dew, more prolific, round and averages about five inches in diameter. It has the succulent flavor of the Honey Dew and the sweetness of the Cannon Ball. Greenish-white in color, until fully ripe, when it turns to creamy white. Ordinary handling will not bruise it and it will ship to all parts of the country without icing. **Pkt. 10c; 1 oz. 30c; 2 oz. 45c; ¼ lb. 75c; 1 lb. $2.50, post paid.**

Honey Dew Melon

This melon is unlike the ordinary muskmelon or cantaloupe, both in appearance and flavor, the outer skin being smooth, hard and nearly white. The melons are large, round to oval in shape, extremely thick-meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor, luscious and juicy. It is an excellent keeping melon. **Pkt. 10c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Pollock 10-25

The most popular melon used by the growers of Rocky Ford for shipping to distant markets. Planted extensively in Southeast Missouri. Uniform in size, heavily netted and does not develop soft spots. Flesh is sweet; cuts with golden center, shading to Emerald green. Seed cavity small and vines are rust resistant. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Rocky Ford

We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. An excellent shipping sort. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. $1.15; 5 lbs. $4.35, post paid.**

Osage, or Miller's Cream

A rather large, main crop, oval melon of very superior quality; fruit dark green, slightly ribbed and well covered with a shallow, gray netting; flesh rich orange-salmon, exceedingly thick, with a small seed cavity. One of the best melons to grow. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. $1.25, post paid.**

Mammoth Rocky Ford

The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.35, post paid.**

Pink Meat Rocky Ford

This is very similar to Rocky Ford, excepting it has a yellow or salmon-colored flesh instead of the green flesh. It grows to a very desirable size, is closely netted, slightly ribbed, with a dark green skin **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. $1.25, post paid.**

Fertilize for Results

Best results from cantaloupes are obtained by fertilizing the soil. The melons grow quicker, sounder and sweeter. Use Schwill's Truck Grower, 5 lbs. 25c; 25 lbs. $1.00, f. o. b. Memphis.

SOUTHERN COLLARDS

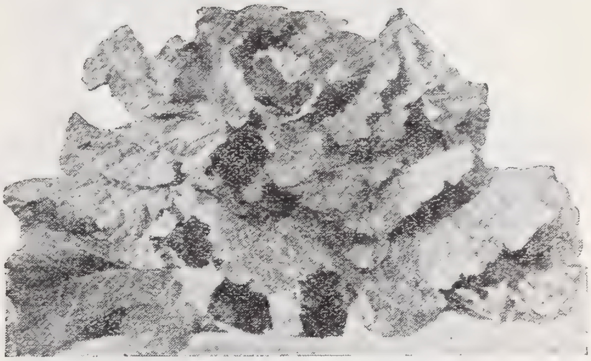
CULTURE—One ounce will produce about 1,500 plants, or 150 feet of row. It produces a plant bearing a mass of leaves on the top of a stout stalk, and is a species of cabbage, and the flavor is the same. It is extensively used for the table, for winter greens, throughout the South. Sow the seed thickly in drills, in rich ground, transplanting when about four inches high. In the South, seed may be sown from January to May and from August to October.

Georgia White Cabbage

Whiter and more tender than the Blue Stem. Introduced 17 years ago Three-fourths of them bunch or head up in winter, weighing 10 pounds or more. Plants grow 30 to 40 inches high and as much across. **Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 75c, post paid.**

Southern or Georgia

This variety is the old-time favorite. It stands all sorts of adverse conditions without injury and will make a good crop where the soil is too poor to grow cabbage, and it makes an excellent substitute for that vegetable. Is very hardy. Stands winter without serious injury. **Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 75c, post paid.**



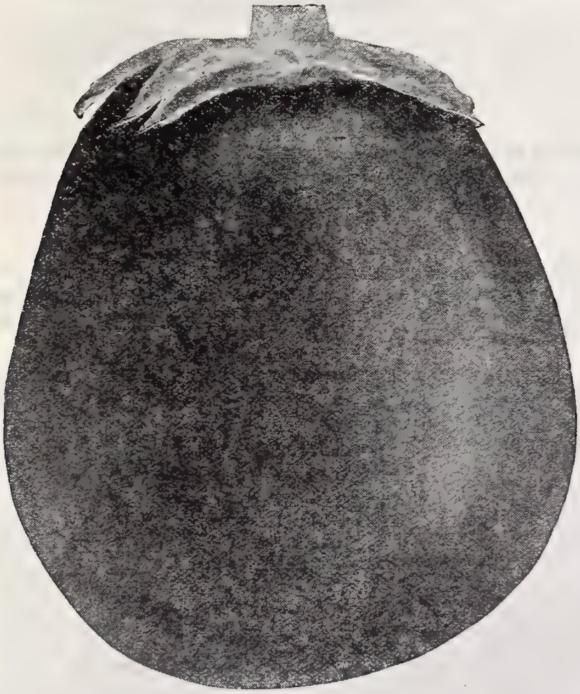
Collard, Georgia White Cabbage

North Carolina

A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, withstanding drouth in summer and cold in winter. Its flavor and cooking qualities are the best. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 75c, post paid.

EGG PLANT

CULTURE—One ounce will produce one to two thousand plants. Start the seed in hotbed early in March and when all danger from frost is over and the nights are warm, transplant to open ground, allowing 3 feet space between the rows and 2 feet space between the plants in the row. The soil for Egg Plants cannot be too rich. Egg Plant seed require a higher temperature for germination than any other garden vegetables and this temperature should be maintained right along in the hotbed in order to secure strong and healthy plants.



Egg Plant, Black Beauty

Black Beauty

Is earlier than the New York Purple, not quite as large. The fruits are rich dark purple, large and symmetrical, and of the finest quality. The fruits set most freely and develop quickly. **Pkt. 10c; ½ oz. 25c; 1 oz. 40c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

New York Improved Purple

A most popular variety; vigorous and productive. Fruits of large size, with smooth, glossy deep purple skin. A most popular variety. **Pkt. 10c; ½ oz. 25c; 1 oz. 40c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

For Egg Plants See Page 11

ENDIVE

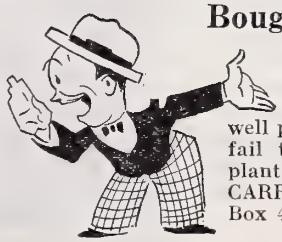
CULTURE—One ounce will sow 300 feet of row. Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use and, for late use, in August and September. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart. When nearly full grown and before they are fit for the table they must be bleached. This is done by gathering the leaves together with jute twine to exclude the light and air from the inner leaves, which must be done when quite dry or they will rot. By covering fresh plants every few days a succession may be kept up.

Large Green Curled

A hardy, vigorous growing Endive with bright green, finely cut leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. A most popular variety. **Pkt. 5c; 1 oz. 20c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Giant Fringed or Oyster

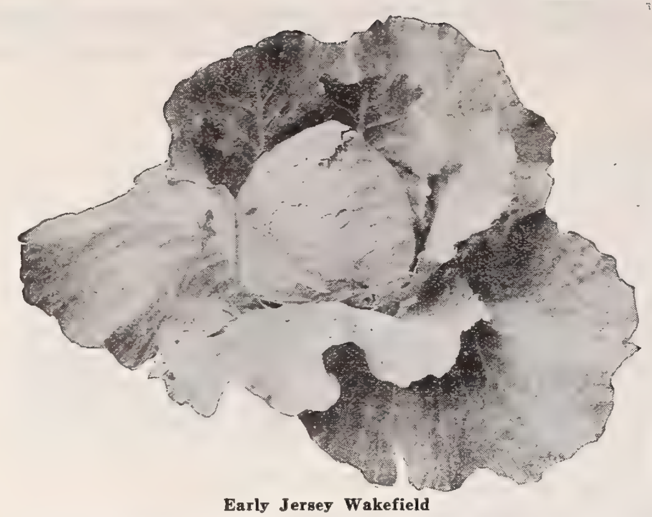
This variety is so named on account of it being largely used to decorate or display oysters during the winter in the larger restaurants and oyster houses. It is exceptionally handsome and grows exceedingly large in good soil. When fully grown the center portion can be blanched creamy white in color. **Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

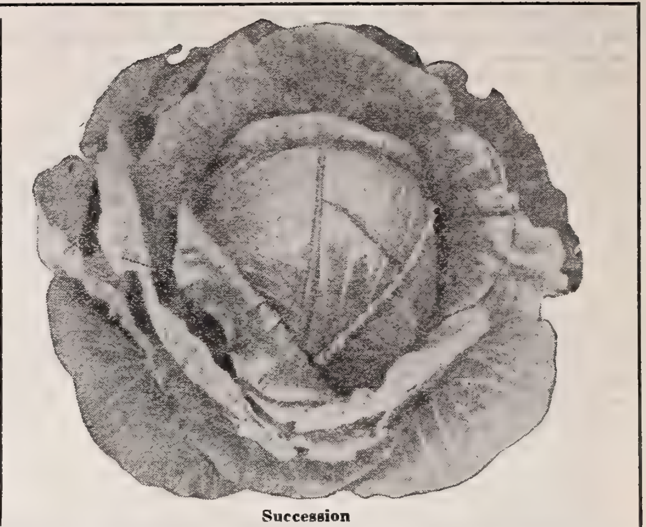


Bought for 20 Years

"Have been buying seeds from you for 20 years and am always so well pleased with them. I never fail to praise your seed and plants to my neighbors."—MRS. CARRIE M. ROBERTSON, R. 2, Box 46, Ruleville, Miss.

SCHWILL'S AMERICAN GROWN CABBAGE


Early Jersey Wakefield


Succession

CULTURE—One ounce will produce 3,000 plants. For early use the seed should be started in the house or hotbed January or February. When the young plants are well started, transplant so as to stand 3 inches apart each way. About the end of March they may be transplanted into the garden in rows 3 feet apart, setting the plants 18 inches apart each way. For late use, sow the seed about the middle of May, or sowings can be made up to July 10, in a finely prepared seed bed, later transplanting to rows 3 feet apart, setting the plants 2½ feet apart. Protect against ravages of insects as follows: For cut worms, use Slug Shot; for lice, Tobacco Dust; for cabbage beetle and green aphis, use Kerosene Emulsion, well diluted.

Early Jersey Wakefield

A leading variety and one of the best for private or market gardeners' use; conical shape. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Charleston Large Wakefield

This is a few days later than the Early Jersey Wakefield, but makes a larger and firmer head. We strongly recommend it as the best main crop early cabbage grown, for the home garden and market. Our seed of this is grown from a specially selected stock. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Early Summer

A second early cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Schwill's Giant

Something new. The largest late Drumhead type that we have seen. Grown for us from special European stock. **Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. $2.25, post paid.**

Early Winningstadt

Conical shape; quality very good. This variety is especially adapted for light soils, where it does better than other sorts. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Early Drumhead

A second early, large, round, solid-heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. **Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Improved Large Late Drumhead

We recommend this for late market. For heading, evenness of crop and size, our strain of this cannot be surpassed. **Pkt. 5c; 1 oz. 25c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Early Flat Dutch

This is a grand second early cabbage, of large size and A No. 1 quality. Larger than Early Summer. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.75, post paid.**

All Head Early

The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having a few outer leaves; can be planted as close as the Wakefield. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Early Flat Dutch

Succession

A good second early round-headed sort, heads very evenly. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.75, post paid.**

All-Seasons

An early Drumhead cabbage, yielding heads of the largest size. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.75, post paid.**

Well Pleased

"I received my seed order several days ago and am well pleased with the seed and with your promptness."—MRS. EMMA MASSEY, Carthage, Miss.

SCHWILL'S AMERICAN GROWN CABBAGE

Copenhagen Market

Without doubt the finest, largest round-headed early cabbage in cultivation. The type is fixed and heads mature all at the same time. The heads are large, averaging about 10 pounds, are very solid and of fine flavor. It matures as early as the Wakefield and yield is much heavier. The plant is short stemmed. Color is light green. **Pkt. 5c; 1 oz. 30c; ¼ lb. 85c; 1 lb. $2.50, post paid.**

Drumhead Savoy

This is undoubtedly the finest type of Winter Cabbage. After having been frosted it boils like marrow, and is not surpassed even by the cauliflower in its best condition. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Surehead

This variety produces large heads, weighing 15 to 20 pounds. The quality is good, and it can be grown either as a second early or late sort. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $1.95, post paid.**

Improved Large Late Flat Dutch

Heads large, bluish green, round, solid and broad on top, more extensively planted than any other variety. **Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Chinese Cabbage, Pi-Tsai

Makes a rapid growth and has a very attractive appearance. It is the best of the Chinese vegetables for American conditions. It does best where there are warm days and cool nights. Although the Chinese name is translated Cabbage in English, it is not the same habit of growth as the vegetable familiar to us by that name. Pi-Tsai grows like loose lettuce. When cooked it has a splendid flavor, and gives out no offensive odor when cooking. **Pkt. 10c; 1 oz. 35c, post paid**

Copenhagen Market

Schwill's Ideal Winter

The very best late Cabbage in existence. It never fails to make a crop; runs heavy in weight owing to its size and solidity; resists drouth and insects by its sturdy constitution. **Pkt. 5c; 1 oz. 35c; ¼ lb. 85c; 1 lb. $2.50, post paid.**

Mammoth Rock Red

This is the largest variety of Red Cabbage and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and matures at a late season. **Pkt. 10c; 1 oz. 30c, post paid.**

SCHWILL'S FROST-PROOF CABBAGE PLANTS

Will Mature Heads Two to Three Weeks Earlier than Home-Grown

READ THIS!

To get the advantage of these frost-proof cabbage plants they must be planted a month or six weeks earlier than you would plant the home-grown. We fill orders from January 15 to May 1 and will have the following varieties:

Early Jersey Wakefield
Early Flat Dutch
Charleston or Large Wakefield
Succession.

Prices, by parcel post—100 for 40c; 500 for $1.50; 1,000 for $2.50. No orders filled for less than 100 plants of a variety. By express, not prepaid—100 for 30c; 500 for $1.25; 1,000 for $2.25.

Hotbed Cabbage Plants **These are grown in hotbeds and are, of course, bright and green looking, but should not be planted out before the 10th or 15th of March. We offer the following varieties: Early Flat Dutch, Early Jersey Wakefield, Early Summer, Large Late Drumhead, Succession and Charleston Wakefield. Prices—100 for 50c; 500 for $1.75; 1,000 for $2.95, post paid. By express, not prepaid, 100 for 40c; 500 for $1.50; 1,000 for $2.75.**

SCHWILL'S GARDEN AND SWEET CORN

CULTURE—Two pounds will plant 200 hills; 8 quarts will plant one acre. Sweet Corn varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, about the middle of March, in rows 3 feet apart, making the hills about 1 foot apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows.

Schwill's Early Surprise

If you've ever heard of corn you've heard of Schwill's Early Surprise. With truckers and home gardeners it is unquestionably the best known and the most popular variety available in the South. It is not a sugar corn, but ranks almost equal. A favorite for early market, larger than the early Adams corn and only a few days later; ears about 8 inches, always well filled to the tip; grains pure white, tender, and makes the very best roasting ears. The genuine stock from our own grower can only be obtained from us. No other dealer can supply Schwill's Early Surprise Corn. **½ lb. 15c; 1 lb. 30c; 2 lbs. 50c, post paid. Not prepaid, ½ lb. 10c; 1 lb. 20c; 2 lbs. 35c.**

Extra Early Adams

Not a sugar corn, but owing to its extreme earliness it is used for a first early table corn in the South. The stalks are about 4 feet high, with small tassel, very few leaves, and without suckers. The ears are short, very full, 12 or 14 rowed, often nearly as thick as they are long and are well covered with coarse husks. The kernels are white and smooth. This is an extremely hardy variety which can be grown closer together than most sorts. **½ lb. 15c; 1 lb. 30c; 2 lbs. 50c, postpaid. Not prepaid, ½ lb. 10c; 1 lb. 20c; 2 lbs. 35c.**

Golden Bantam

The biggest seller and the most popular yellow table corn in the world—that's what Golden Bantam is. It is also the very earliest and in its division it ranks with Early Surprise for general satisfaction. The ears are of medium size, and are thickly set with delicious yellow kernels. Golden Bantam and Golden Cream have a flavor distinct from other sorts, and if you have never tried these two from your own garden you must plant them this year. The stalks are dwarf and sturdy in habit, growing to a height of 4 feet and can be planted thickly; they bear 2 or 3 good ears. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Schwill's Early Surprise Corn

GOLDEN BANTAM SWEET CORN

Golden Cream

A very fine corn, being a cross between Golden Bantam and Country Gentleman, following the former sort in maturity. Ears about the size of Golden Bantam, but grain is smaller, deep and zig-zagged, and rich golden yellow, of the most delicious flavor. The stalks grow 4 to 5 feet high and bear two ears. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Golden Giant

This is a cross of Howling Mob with Golden Bantam and produces ears much larger than Golden Bantam, but of the same delicious quality, and being hardy, the seed may be planted as soon as the ground becomes warm. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Early Minnesota

This deservedly popular variety is one of the best second early sorts for the market and the home garden. The stalks are about 6 feet high, bearing 1 to 2 ears well covered with husks. The ears are about 8 inches long, 8-rowed; kernels very broad, white, sweet and tender, not shrinking much in drying. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Schwill's Improved Large Adams

This is not a sugar corn, but a selection from the Adams Early; is as early in season and produces a larger and finer ear, filled to the extreme tip of the cob. It produces the largest and finest ear of the Adams varieties. **½ lb. 15c; 1 lb. 30c; 2 lbs. 50c, post paid. Not prepaid, ½ lb. 10c; 1 lb. 20c; 2 lbs. 35c.**

Adams Large Early

Similar to Adams Extra Early, but two weeks later, and has much larger ears. This and the Adams Extra Early are very hardy and can be planted earlier than sweet corns. Has small stalks and can be planted close. More valuable for the market than for home gardens, as it lacks fineness of flavor found in sweet varieties. Unless given the best cultivation and rich soil, they are not sure croppers. **½ lb. 15c; 1 lb. 30c; 2 lbs. 50c, post paid. Not prepaid, ½ lb. 10c; 1 lb. 20c; 2 lbs. 35c.**

SEE PAGE 89 FOR QUANTITY PRICES.

GARDEN AND SWEET CORN

Schwill's Wonder Bantam

A Golden Bantam Sweet Corn with a larger ear and about the same maturing season. The stalks are five to six feet high, with ears eight to ten inches in length, filled with eight rows of rich, golden colored kernels. **½ lb. 25c; 1 lb. 40c; 2 lbs. 70c; post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Mammoth or Large Sugar

This tall-growing sugar corn produces the largest ears of any sweet corn. The grain is pure white, and the ears remain long in the green state. The ears are 16 to 18 rowed; an excellent sort for canning and for the late garden. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Black Mexican

This corn, when young, is very white, but the ripe grain is bluish black. For home use it is unexcelled, being very tender and sweet of quality; it is getting more popular every year. The stalks are about 7 feet high; the ears are 8-rowed, and about 8 inches long. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Country Gentleman

This variety has a small, white cob, densely covered with irregular rows of very long, slender, white grains of excellent quality. The ears are 7 to 9 inches long. The stalks are from 6 to 7 feet high. It is well adapted for canning as well as the home garden and market, and many consider it the best of the late varieties. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

Stowell's Evergreen

A most popular main crop variety, and splendid for table use, the quality being excellent. The stalks are of strong growth, about 6 feet high; the 12-rowed ears are about 8 inches long and keep in table condition a remarkably long time. Our stock has been carefully grown and selected. This is one of the best known of the late sorts. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

White Evergreen

This corn has ears fully as large as those of the regular Stowell's and is about five days earlier, while the grain remains tender for a longer period. Its most valuable feature is the paper whiteness of the grains, which makes not only a more attractive ear when served on the table, but is most important for the canner. **½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.**

White Evergreen Sweet Corn

POP CORN

Pop Corn ranks favorably in yield to the acre with the other corns, as it will stand closer planting. Always finds a ready market at a good price for popping purposes. Plant some for the children to pop during next winter's evenings. It will furnish them many hours of amusement.

CAUTION—Do not plant pop corn near any other variety of corn, as it is inclined to mix badly; this will spoil the popping qualities.

White Pearl

This is a small grain variety, being a smaller kernel than the Queen's Golden or White Rice. It also has a small cob, but is a very prolific variety and seems to do best in the southwest. ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

White Rice

A very handsome and prolific white variety. The ears are 5 to 7 inches long. The kernels are long, pointed and somewhat resembling rice. This excellent, rather late maturing variety, yields heavily, and is considered the best pop corn for popping. ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

Queen's Golden

The largest pop corn. The stalk grows 5 to 6 feet high and bears 2 to 3 large ears each. It is yellow, but pops perfectly white. ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

FIELD CORN, SEE INDEX.

Country Gentleman Sweet Corn

SCHWILL'S CUCUMBERS

CULTURE—One ounce will plant 50 hills; 2 pounds will plant one acre. For very early cucumbers plant in paper pots or dirt bands, in hotbeds, about the second week in March. Transplant as soon as the weather permits. In the open, plant about the first of April, as soon as the weather becomes settled, in hills 4 feet each way; thin to 3 of the sturdiest plants when they begin to vine. The soil should be a rich, sandy loam. Continue to plant for succession until the middle of July. Cucumbers should be gathered when large enough for use, whether required or not, as ripening destroys their productiveness.

Improved Early White Spine

One of the very earliest and best known of the White Spines; a short, square-ended, rather three-cornered type; very productive; fine for slicing or pickles; medium green color with white spines. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lb. $5.25, post paid.**

Improved Long Green

A standard late, well-known table sort, 12 to 14 inches long, slender, more or less warted, tapering toward stem end; color dark green, flesh white and firm. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lb. $5.25, post paid.**

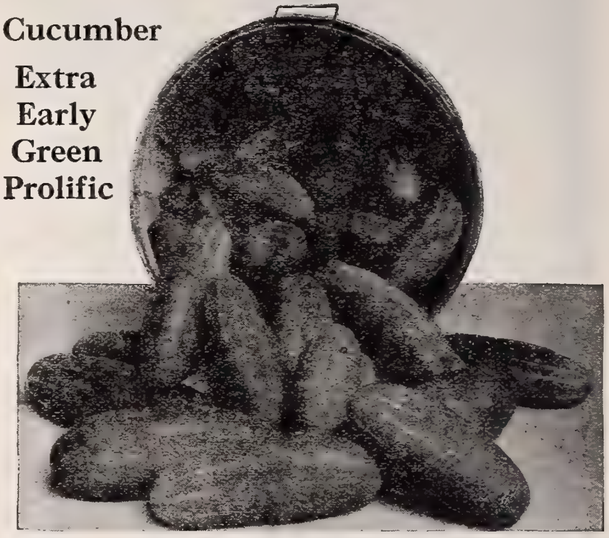
Early Green Cluster

Very early, fruit short, chunky, small and borne in clusters in the center of the plant; light green in color; prolific. **Pkt. 5c; 1 oz. 15c; 2 oz. 30c; ¼ lb. 45c; 1 lb. $1.25, post paid.**

Early Fortune

The finest type of White Spine yet produced. Early, very prolific and disease-resistant. Fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich dark green, which does not fade when shipped long distances. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Cucumber
Extra Early Green Prolific



Fruit short, symmetrical and bright green; very productive, making a good pickle, a little shorter and thicker than most pickling sorts. The young cucumbers are thickly set with small spines. The large fruits average 9 to 10 inches in length by 2½ inches in diameter, with full rounded ends and good quality for slicing. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Stays Green

Stays Green is an early White Spine type, fruit 7 to 8 inches long, cylindrical in shape; color a dark green. It is a vigorous grower, enormous yielder and excellent shipper. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Henderson Perfected

An extra early, dark green White Spine strain, producing very uniform fruit in great abundance. The vine is vigorous and produces fruit for a long season. Fruit averages 8 to 10 inches long and is of the finest quality. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Davis Perfect

An extra long, dark green type of White Spine; retains its color and good qualities long after being picked; fruits exceptionally long, smooth and tapering at both ends; flesh crisp, solid, with few seeds; mid-season. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lbs. $5.25, post paid.**

Chicago Pickling

This is a prolific variety and one of the best for those who want crisp, coarsely spined pickles. Fruits are of medium length, tapering at each end. The color is deep green. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

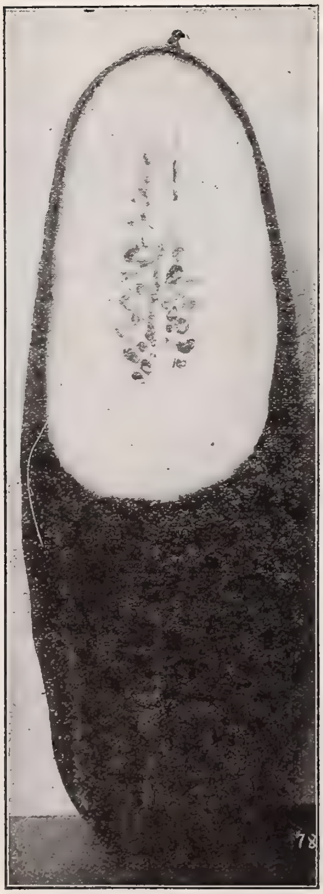
Arlington White Spine

A standard for home and market gardens. Early and a heavy yielder. In color a glossy dark green, with firm but tender flesh and delicious flavor. Straight type. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

How's This for Profit?

"I must say your seed are all you claim. I ordered 80c worth of Tomato Seed from you and sold $25.00 worth of plants and $170.00 worth of tomatoes, besides what we used."

—R. R. REED,
Rt. 2, DeWitt, Ark.



Cucumber, Early White Spine

KALE, OR BORECOLE

CULTURE—One ounce to 200 feet of row; 4 pounds to the acre. Kale is extensively grown in the South during the fall, winter and spring. The leaves are used principally for greens and there is nothing better than a pot of kale boiled with bacon. Where climate permits seed may be sown any time from August to October and again during February and March, broadcast or in drills, 18 inches apart so that the plants when small may be cultivated.

Dwarf Curled Siberian

A very hardy and vigorous growing variety of spreading habit, its foliage having a distinct bluish tinge. This is the most popular variety grown, especially in the South. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. 95c; 5 lbs. $3.75, post paid.**

Tall Green Curled Scotch

The plant of this variety grows 3 to 4 feet high, bearing long plume-like light green leaves, which are deeply cut, also finely curled at edges. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.00, post paid.**

Tall Green Curled Scotch Kale

KOHL RABI

CULTURE—One ounce will sow 200 feet of row. Seed should be sown in light, rich soil, as early in spring as possible, or latter part of August, in rows 1½ feet apart and when well established thin to 6 inches apart in the row. The edible part of Kohl Rabi is the turnip-shaped bulb formed above the ground.

Early White Vienna

This variety is extremely early with distinctly small top. The bulbs are of medium size, very light green or nearly white, and are of best quality for the table if used when about 2 inches in diameter. **Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. $2.50, post paid.**

LEEK

CULTURE—One ounce will sow 100 feet of row. This belongs to the onion family, and is a good fall and winter substitute for green onions. Sow early in spring in drills 12 to 15 inches apart, covering ½-inch deep, in good rich light soil. Thin plants to 6 inches apart in the row and draw the earth about them when cultivating.

London Flag

This well-known broad-leaved leek is hardy, productive, of good quality and is extensively cultivated in this country and is a favorite sort with the market gardeners, and is also extensively used for the home gardens. **Pkt. 10c; 1 oz. 25c; ¼ lb. 60c; 1 lb. $1.75, post paid.**

Leek, London Flag

HORSE RADISH ROOTS

Horse Radish rarely produces seed, but is grown from pieces of the root. For the home garden they may be set wherever a few feet of space is available, but when grown as a crop they should be set in rich, moist, well-prepared ground, in rows 2½ feet apart and about 18 inches apart in the row. Set the roots vertically, small end down, and the top of the root 1 to 3 inches below the surface of the ground. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. The standard market variety. **Doz. 50c; per 100 $2.75, post paid. By express, doz. 40c; 100 for $2.50.**

HERB SEEDS

Sow seeds in shallow drill a foot apart, and when up thin out and transplant to a few inches apart.

	Packet Parcel Post Paid
BASIL, SWEET—For flavoring soups	$0.10
DILL, MAMMOTH—Used for flavoring pickle	.10
LAVENDER—For oil and distilled water	.10
MARJORAM, SWEET—Used in seasoning meats	.10
ROSEMARY—Aromatic leaves are used for seasoning	.10
SAVORY, SUMMER—Used as a culinary herb	.10
SAGE, BROAD LEAVED—A popular flavoring plant	.10
THYME—Much used for seasoning	.10

OKRA

CULTURE—One ounce sows 50 ft. of drill. Extensively grown in the South, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and delicious soup and, when pickled, are a fine salad. Sow after the weather has become warm, in rows 3 feet apart, 2 feet apart in the rows. Will succeed in any good garden soil.

White Velvet

Bears round, white, smooth pods, unlike other varieties, which are ridged or square-edged. Pods are large and are produced in great abundance. The market gardener's favorite. **Pkt. 5c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 65c, post paid.**

Perkins Mammoth

Very long, straight, slender, pointed and slightly corrugated. Pods bright green; early, productive and good for the market. **Pkt. 5c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 60c, post paid.**

Early Dwarf Green

Of dwarf growth but immensely productive. The pods are tender, of best quality and are borne throughout the season. **Pkt. 5c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 60c, post paid.**

Tall or Long Green

Pods long, slender, dark green and ridged; very tender and is a most popular green variety. **Pkt. 5c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 60c, post paid.**

SCHWILL'S LETTUCE SEED

Field of Schwill's Lettuce

CULTURE—Sow two ounces of lettuce seed to 100 yards of row, 4 pounds to the acre. From seed to maturity time is 40-50 days. For early use sow under glass in January or early February, and transplant as early as the ground can be put in good shape. Sowings may be made in open ground from April until July and again at the end of August for fall supply. Lettuce should be transplanted in rich, moist ground in rows 2 feet apart and plant 1 foot apart in the row. As the quality depends largely upon quick growth, frequent cultivation should be given to encourage it. When wanted as a cut salad, sow the seed thickly in rows or broadcast.

Hanson

A fine, large-heading variety. Leaves curled on the edges; light yellowish-green in color. The head is crisp and brittle and flavor excellent. Is the very best house garden variety in existence, and much the finest variety of its class. Allow 12 inches for each head. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Way-Ahead

This is one of the earliest and one of the surest heading of all early lettuce. It is of the very finest quality and handsome in appearance. The outer leaves are a light green, with the inner head finely blanched to a rich, buttery yellow. Way-Ahead stand a longer time before seeding than other early head varieties. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.

Hubbard Market

Good heading type, globular in shape, with broad, crumpled, stiff leaves. Medium green in color. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.

Schwill's Big Boston Lettuce

Early Prize Head

A large clustering, non-heading lettuce, most excellent for the home garden and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. The leaves are finely curled and crumpled, bright green tinged with brownish red, and are very crisp, tender and sweet. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Schwill's Big Boston

Our strain of this very popular variety is unsurpassed Plants are large and vigorous. Can be sown in the open ground in the spring or fall, or in frames for early spring planting, does particularly well in cold weather, and is especially recommended for fall planting in the South. Is very popular with gardeners and truckers. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.35, post paid.

Deacon

This is an excellent summer variety. The head is of large size, is very firm and remains in condition for use a long time The plant is very compact, with few outer leaves which are usually very smooth, thick and of light green color. The inner leaves blanch to a bright, rich yellow and are crisp, buttery and very well flavored. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.

Iceberg

A large, crisp lettuce, always tender. Iceberg stands hot weather remarkably. Give each head 14 inches in a row. The color is light green, lightly tinged with brown. Try this either for home or market gardens. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.

California Cream Butter

A popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of a rich golden-yellow inside. The leaves are thick and bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. Pkt. 5c; 1 oz. 25c; ¼ lb. 60c; 1 lb. $1.75, post paid.

Mignonette

Is small and has tightly set leaves which makes a small, extremely solid head. It is sweet in flavor and tender. Mignonette is excellent when forced in a hot house or grown in the open. The plants can be set closely, 5 inches apart, because of the compact growth. Early, tender and delicious. Pkt. 5c; 1 oz. 25c; ¼ lb. 60c; 1 lb. $1.75, post paid.

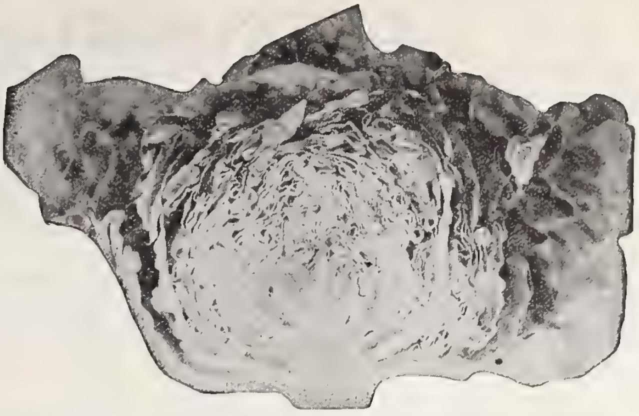
LETTUCE

New York, or Wonderful

This is now the most popular of main crop head lettuce. The heads are very large, wonderfully solid, crisp, tender and free from bitterness. The heads frequently weigh 2 pounds. They are very solid and of an attractive light green color. It is a sure heading variety and stands a long time in the field. For a fine head lettuce, try New York. Pkt. 5c; 1 oz. 25c; ¼ lb. 60c; 1 lb. $1.75, post paid.

Early Curled Simpson or Silesia

This is the old favorite popular loose head variety, of dwarf compact habit and quick growth. The curly leaves are large, yellowish green with finely curled edges. Very crisp and tender. Matures early, quite hardy and withstands heat and drouth. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.



New York or Wonderful

May King

This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish-brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. The variety is exceptionally early outdoors, attaining a size suitable for use before other sorts and is also very satisfactory for forcing. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.

Paris White Cos

This is distinct from the ordinary lettuce, and is much liked on account of its crisp, tender quality and delicate flavor; grows to very large size, producing long, pointed, compact bunches. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c, post paid.

LETTUCE PLANTS—PAGE 11

SHEPS PLANT SPRAY

FOR MUSTARD LICE

Sheps
PLANT
SPRAY

This NON-POISONOUS spray gives positive protection against both sucking and chewing insect pests, including Aphids, Thrips, Green Flies, White Flies, Mealy Bugs, Worms, Caterpillars and others. Harmless to humans, birds, animals and pets. Will not injure the most delicate plants. Benefits soil and foliage. Absolutely the easiest spray to mix—no soapsud solution, perfect emulsion—20 seconds from bottle to plant.

PRICES

2-oz. bottle (makes 4 gals. spray sol.)	$0.35
8-oz. bottle (makes 16 gals. spray sol.)	.75
Pint bottle (makes 32 gals. spray sol.)	1.25
Quart can (makes 64 gals. spray sol.)	2.00

SCHWILL'S MUSTARD

CULTURE—One ounce will sow about 80 feet of drill. For early salad sow in February, and for general crop, at intervals through the spring, in rows 6 inches apart, and rather thick in rows.

Chinese Mammoth

A European variety, with light green very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 50c; 5 lbs. $1.95, post paid.

Southern Giant Curled

The favorite kind here, sown largely for the market. Leaves are pale green, large and curled or scalloped on the edges. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 50c; 5 lbs. $1.95, post paid.

Elephant Ear

This is a splendid variety for the market gardeners and amateurs, and will surely give satisfaction wherever planted. The leaves are smooth, very large, and always tender and succulent, makes a large plant. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 50c; 5 lbs. $1.95, post paid.

MUSHROOMS

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees. **One brick is required for 10 square ft. of bed. It is put up in bricks weighing about 1¼ lbs. each.**

Lambert's Pure Culture Spawn

A new departure in the cultivation of mushroom spawn. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms. 1 brick 35c; 5 bricks $1.50, post paid. Not prepaid, 1 brick 30c; 5 bricks $1.25. Price in large quantities on application.

"GREENS" EACH DAY KEEP DOCTOR AWAY

Plants, grown for boiled "Greens," furnish food elements which can not be obtained in any other manner. And in so doing they assist materially in maintaining health and, therefore, keeping the doctor away.

Great medicinal value is possessed by these plants in addition to aiding digestion and assisting nature in the normal activities of the body. The following vegetables are among those furnishing boiled greens and they should be in your garden:

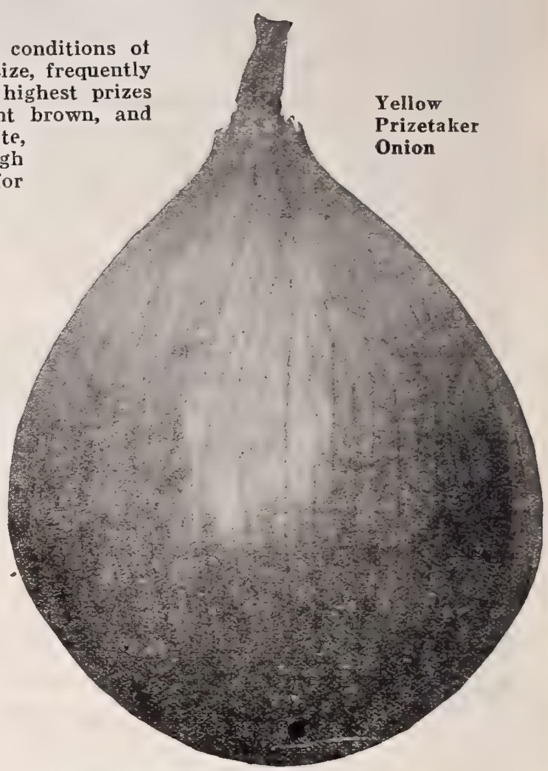
Beet-Tops
Brussels Sprouts
Cabbage
Collards
Seven-Top Turnip
Kale
Mustard
Spinach
D. E. Rape
Swiss Chard.

ONION SEED and ONION SETS

CULTURE—One ounce will sow 100 feet of drill; 6 pounds will plant 1 acre. A deep, rich soil, thoroughly worked, is best for this crop. For large, fancy onions, sow in January, or February, in hotbeds or trays. As soon as the weather opens and the sets are the size of a goose quill plant in rows 12 inches apart and 4 to 6 inches between the onions. For main crop, sow in the open ground in March and April in drills 12 inches apart, thinning out afterwards to 3 or 4 inches apart

Prizetaker

Has proven successful in all sections of the country under varied conditions of climate and soil. Under good conditions the onions grow to enormous size, frequently measuring 12 to 18 inches in circumference and usually carry off the highest prizes when exhibited. The skin is bright yellow, slightly shaded with light brown, and even though thin it affords plenty of protection. The flesh is pure white, solid, juicy, crisp and mild. It has a thin neck which insures thorough ripening, which is of first importance when the onions are intended for storing. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 70c; 1 lb. $1.95, post paid.**



Yellow Prizetaker Onion

White Silverskin (Also Called Portugal)

This is a medium sized onion of mild flavor with beautiful clear white skin. It is a favorite variety for raising sets because the little bulbs are so uniform. It is also used when young as a salad or bunching onion and for pickling. It is flat at the bottom and thick towards the top, very firm and hard and an excellent keeper. **Pkt. 5c; 1 oz. 25c; 2 oz. 45c; ¼ lb. 75c; 1 lb. $2.20; 5 lbs. $10.25, post paid.**

Large Red Wethersfield

Yellow Globe Danvers

A productive and one of the most extensively used for home garden and market. It is a fairly good keeper, solid, and good for shipping. The bulbs are of medium to large size, uniformly globe shaped, with small necks, and ripen evenly. The skin is rich coppery yellow; the flesh is creamy white, crisp and of mild and excellent flavor. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 70c; 1 lb. $1.95, post paid.**

Large Red Wethersfield

The most widely planted red onion in the South. It is a reliable and productive variety, enjoying popularity with both market and home gardeners. Almost round in shape with skin of deep rich purple-red. The flesh is white, lightly tinged with pinkish rose near the skin. A sure and heavy yielder adapted to dry soils. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 70c; 1 lb. $1.95, post paid.**

Southport White Globe

Of true Southport Globe form, with thin, delicate skin of purest paper whiteness; flesh very crisp, fine-grained and snowy white in color, and exceedingly mild. **Pkt. 5c; 1 oz. 25c; 2 oz. 45c; ¼ lb. 75c; 1 lb. $2.20, post paid.**

Mountain Danvers

Fully three weeks earlier than the ordinary Yellow Globe Danvers. It is a cross between that variety and Australian Brown and has been developed in the Colorado Mountains. **Pkt. 5c; 1 oz. 25c; 2 oz. 45c; ¼ lb. 75c; 1 lb. $2.20, post paid.**

Onion Plants

Perhaps you like the Bermuda onion plants. If so, you will find prices on page 11.

Southport Red Globe

The bulbs are distinctly globe-shaped, with small neck, and are excellent keepers; color a deep purplish red. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 70c; 1 lb. $1.95, post paid.**

Onion Sets

CULTURE—Plant 4 in. apart, in rows ½-in. deep and 1 ft. between rows, cover 1 inch. All onion sets are sold 32 lbs. to bu. and are subject to market changes. One qt. weighs 1 lb.

White Silverskin	**1 qt. 25c;**	**4 qts. $ .85,**	**post paid**
Red Wethersfield	**1 qt. 20c;**	**4 qts. .75,**	**post paid**
Yellow Danvers	**1 qt. 20c;**	**4 qts. .75,**	**post paid**
White Multiplier Sets	**1 qt. 40c;**	**4 qts. 1.25,**	**post paid**

SCHWILL'S IMPORTED BERMUDA ONIONS

Crystal White Wax

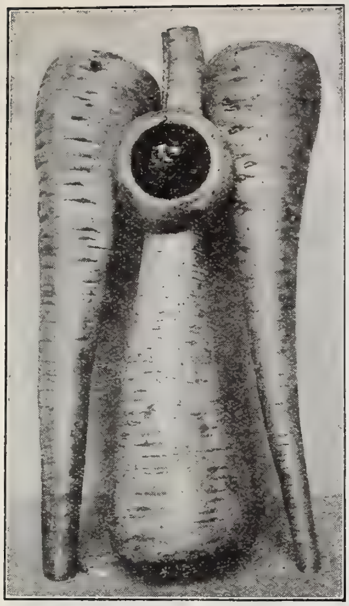
This is not only the mildest and earliest of onions, but is the most attractive in the world, with a beautiful waxy appearance. Makes large, flat bulbs, absolutely white. **Pkt. 10c; 1 oz. 50c; 2 oz. 85c; ¼ lb. $1.50; 1 lb. $5.50, post paid.**

Red Bermuda

In shape and size, also in flavor, exactly like Yellow Bermuda, differing only in color, which is pale red. **Pkt. 10c; 1 oz. 50c; 2 oz. 85c; ¼ lb. $1.50; 1 lb. $5.50, post paid.**

Yellow Bermuda

Similar to the Crystal White Wax in every way with the exception of its color. It is a light yellow or straw color and is the most widely and largely planted of the Bermuda varieties. Like the White Wax, it is famous for its mildness of flavor. **Pkt. 10c; 1 oz. 60c; 2 oz. $1.00; ¼ lb. $1.75; 1 lb. $6.50, post paid.**



Sugar or Hollow Crown Parsnip

SCHWILL'S PARSNIPS

CULTURE—One ounce will sow 200 feet of drill; 5 pounds required for 1 acre. Like all root crops, they do best on a deep, rich, sandy soil, but will make good roots on any soil that is deep and mellow. As the seed is sometimes slow to germinate, it should be sown as early as possible in spring, in drills 2 to 2½ ft. apart; cover with ½ inch soil and press the seed down firmly. Thin the plants to 5 or 6 to the foot; cultivate frequently during the summer to insure rapid growth. In fall the roots may be taken up and stored in root cellars or pits for winter use.

Sugar, or Hollow Crown

As the name indicates, the tops grow out of a hollow in the crown. The roots are very long, white, tender and sweet. A very popular variety. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. 85c, post paid.**

Long Smooth

Roots are very long, sugary and of most excellent flavor. This variety is very hardy, making good crops where others fail. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. 85c, post paid.**

PUMPKINS

CULTURE—One pound will plant 40 to 50 hills; 5 pounds will plant one acre. Plant in hills 8 to 10 feet apart each way, four seed to the hill. For a good crop the soil should be rich. Cultivate same as cucumbers or melons. Pumpkins should not be planted in the garden as they will readily mix with squash, much to the detriment of same. Many pumpkins are raised between corn hills, where they should be planted about 15 feet apart.

King of Mammoth

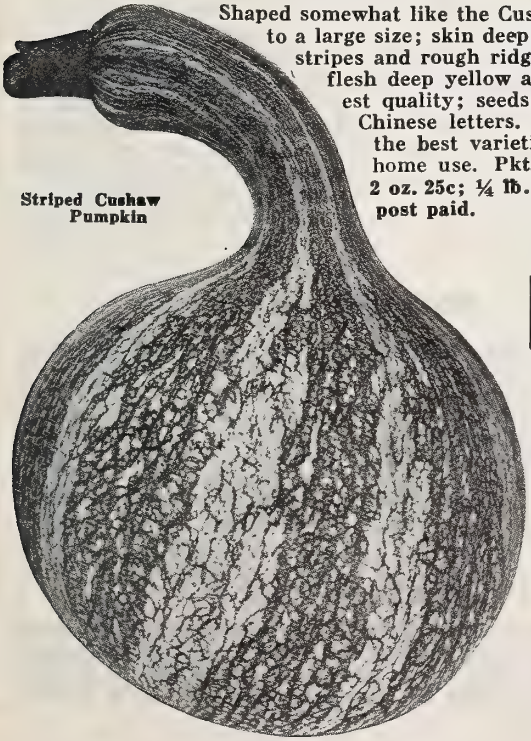
The giant among pumpkins; specimens have been grown to weigh 250 pounds and reaching 2 feet or more in diameter. Fruits are almost round, skin orange-colored and slightly rough. Flesh deep and yellow, quality excellent. A fine variety to plant, where only a few hills are wanted. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Connecticut Field

Generally used for planting in corn for stock feeding, and also for making pies. Fruit rather oblong, flattened at the ends; often 15 inches in diameter; smooth, hard, reddish-orange skin with rich orange-yellow flesh. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 35c; 1 lb. $1.00, post paid.**

Japanese Pie

Shaped somewhat like the Cushaws and grows to a large size; skin deep green with dark stripes and rough ridges on the neck; flesh deep yellow and of the highest quality; seeds sculptured like Chinese letters. This is one of the best varieties to plant for home use. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

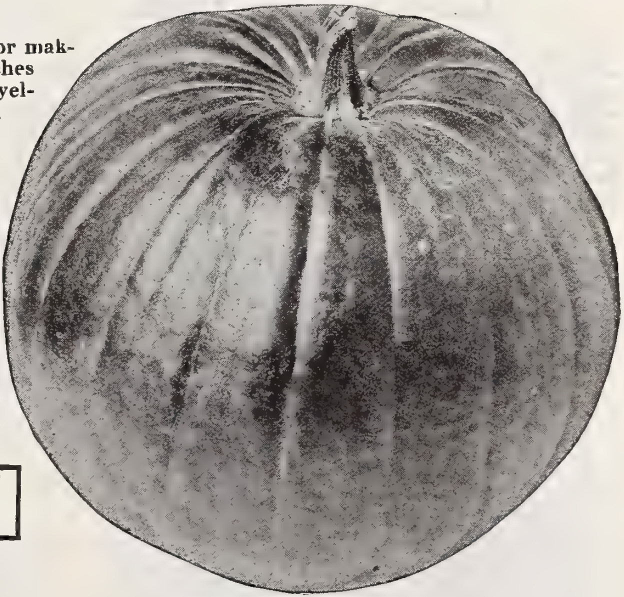


Striped Cushaw Pumpkin

StimUplanT
Makes a Wonder Garden

Kentucky Field

Large, round, flattened fruits, much ribbed and creamy-buff in color; flesh is salmon color and very deep; of fine quality and one of the best for canning. Also grown extensively for stock in the South. **Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c; 5 lb. $2.25, post paid.**



Kentucky Yellow Field Pumpkin

Tennessee Sweet Potato

Of medium size and nearly bell-shaped, with neck slightly crooked, skin creamy white, sometimes slightly striped with green, flesh creamy white, deep, fine-grained, and of excellent quality. One of the favorite old Southern sorts. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Striped Cushaw

This pumpkin is of the crookneck type with mottled green and white stripes. The neck is rather small. Fruit often attains a weight of 15 pounds; flesh is yellow, very solid and fine-grained. An excellent variety for culinary purposes. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

SCHWILL'S GARDEN PEAS

CULTURE—Two pounds will sow about 125 ft. of drill. Sow the extra early, smooth varieties as early in spring as possible, in rows 3 feet apart. Peas should be rather crowded in the rows. The soil should be rich, but light and warm; cultivate several times, as this increases the yield considerable. Most peas do best if given a support of brush or other material. The wrinkled sorts marked (*) are more sensitive to cold and should never be planted before March 1.

*American Wonder

The earliest of the dwarf, wrinkled sorts. The vines are 9 to 12 inches high and produce a good crop of well filled pods, nearly 3 inches long, containing 5 to 7 large peas. Very sweet and tender. The seed is pale green, flattened and wrinkled. Matures in about 65 days. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

EARLY ALASKA

Planted by All Market Gardeners

This is the earliest of all small podded peas, universally used for first planting; the vines are a distinctive light green, and from 2 to 3 feet high. Pods are dark green, about 2½ inches long, straight and well filled with small, smooth blue-green peas of excellent flavor. This pea is a heavy yielder and a favorite among market gardeners. Requires about 60 days to mature. As further evidence of the popularity of this pea we freely confess that we sell more of this variety than we do of any other two combined. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Ameer, or Large Alaska

A fine variety which is rapidly becoming more popular with those who want a larger podding pea of the Alaska type. The vine is 3 feet high, more vigorous and of the same color as the Alaska. Pods are one-third larger and filled with 5 to 7 large round peas of fine flavor. The crop ripens about a week later than the Alaska. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Laxtonian

Peas, Alaska

Laxtonian

Getting More Popular Every Year

The largest podded variety of extra earlies, and really may be classed as Dwarf Gradus, which variety it resembles, except that it only grows about 18 inches high and does not require any support. The vines make a vigorous growth, which enables them to withstand weather conditions unsuited to some of the large-podded varieties, and the pods are well filled with large peas, which have an exquisite flavor. While the crop does not mature until a few days later than Gradus, the quality of this variety is equally as good. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

First and Best

Its extreme earliness has made it a general favorite for years. As it matures with unusual uniformity, succession sowings of a few days apart are recommended. The vines are vigorous, hardy, average 30 inches in height, each bearing upward of 7 pods about 2¾ inches long. Pods contain 5 to 7 peas. Peas are medium size, smooth and of fine quality. Flavor excellent and sweet. The peas when dry are small, smooth and yellowish white. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Prolific Early Market

A smooth, white-seeded variety, extra early, bearing very many large pods nearly 3 inches long, blunt-ended and of light green color, well filled. This is a productive strain of First and Best. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c, 2 lbs. 55c.**

SCHWILL'S GARDEN PEAS

Telephone Peas

Telephone

A large-podded pea for general crop. The vines are very strong in growth and average 18 to 20 pounds per stalk; the pods are of large size, containing 6 to 7 peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height 3½ feet. ½ lb. 20c; 1 lb. 40c; 2 lbs. 75c; **post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Large White Marrowfat

This variety is very tall, about 5 feet, and of strong growth. The pods are about 3 inches long, round, light green and somewhat rough. The peas are large, round, smooth and creamy yellow. It is a very desirable variety for summer use and is undoubtedly one of the most productive of the garden peas. **½ lb. 20c; 1 lb. 35c; 2 lbs. 65c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.**

Mammoth Melting Sugar (Edible Pods)

This is a tall variety, bearing large, flat, brittle pods, which are entirely stringless; which are cooked like string beans. This fine pea should be more generally used. **½ lb. 25c; 1 lb. 50c; 2 lbs. 85c; post paid. Not prepaid, ½ lb. 20c; 1 lb. 40c; 2 lbs. 75c.**

McLean's Little Gem

Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American wonder and is thought by many to be sweeter. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Champion of England

A very productive standard main crop variety, one of the best flavored of the late peas. The vines are 4 to 5 feet high, and the foliage is medium green. The pods are medium dark green, broad and nearly straight, and about 3 inches long. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

*Gradus, or Prosperity

This pea is an extremely early large-podded, wrinkled variety, which matures only a few days later than the little round-seeded, small-podded varieties. The vines are nearly 4 feet high and the pods are very large, well shaped and pointed. The peas are large and light green in color. One of the best sort for the garden. Ready to use in about 70 days. **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

Extra Early

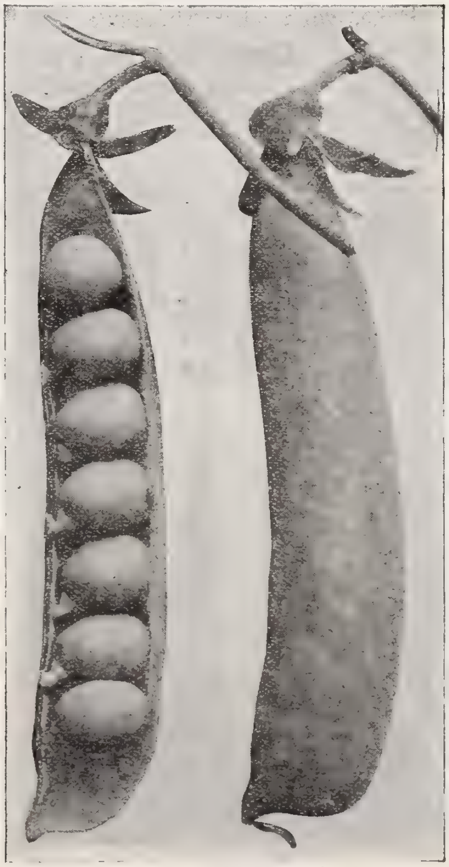
This is an early pea, as the name implies. It is also prolific and has proven extremely popular. The vines grow to a height of about 20 inches and bear an abundant crop of well-filled pods. The flavor is excellent. Why not give this pea a trial in the garden? **½ lb. 20c; 1 lb. 40c; 2 lbs. 75c, post paid. Not prepaid, ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c.**

SCHWILL'S HALF-POUND COLLECTION

This is a collection designed for the home gardener who is especially interested in peas of different types and who wants a succession of them. We will mail one-half pound of each of the following:

	Catalog Price
Early Alaska—Early, small-podded, smooth	$ .20
Large White Marrowfat—Smooth, small-podded, for summer	.20
Laxtonian—Early, large-podded, hardy	.25
Champion of England—Late, Main Crop	.20
Total Catalog Value	$ .85

POSTPAID FOR 70c



Champion of England

SCHWILL'S RADISHES

CULTURE—Sow in open ground, in spring, as soon as the soil can be worked. Sow in rich, sandy loam, in drills 18 inches apart; thin plants to prevent crowding. Keep the soil loose and apply a little nitrate of soda—this will cause rapid growth, which is essential to secure tender roots. Sow every ten days for succession. After May it is best to plant the summer and winter varieties.

FORCING—Sow in hotbed or under glass in rich, well pulverized soil; scatter seed over the surface, about 100 to the square foot, and cover lightly with sifted soil. Water carefully to keep the soil moist. For rapid root development, the temperature must be moderate and even. Good ventilation is necessary. The crop should be off in 25 to 40 days.

Schwill's Perfection Scarlet Turnip, White Tipped

THE BEST FOR YOUR MAIN CROP

Special attention is given this variety in careful breeding and selection for type. It is the last word in radish and we're willing to enter it in competition with any similar radish on the Southern market. It is bright rose above with a large white tip, round, showy and distinct. Matures in about 24 days and is crisp, tender and mild. Can be used outdoors or in frames. You need this radish if you are growing for the market. It is the pick of the principal growers of the South because of its uniformity and trueness to type. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid. Write for special prices in bag lots.**

Cincinnati Market

The finest of the early long red or pink types. It is the standard market radish in a number of Southern trucking centers. It is of bright pink color with white tips, very regular and uniform in size and shape. It is often called the Glass Radish because of the crispness and brittleness. Of delightful mild flavor even when grown to large size, and is always in popular demand for both home and market use. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

Scarlet Globe

A little longer than round, red, turnip-shaped radish, with small tops and of very quick growth, and we recommend it as one of the best forcing varieties. It is rich scarlet-red color, almost crimson, and with white, crisp, tender flesh. It is a fine outdoor radish for the home garden and market and the roots often grow one inch long by one and one-eighth inches in diameter before becoming pithy. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

Early Scarlet Turnip

A well known and highly esteemed variety; extensively grown for market. A turnip-shaped sort; skin bright scarlet, flesh white; a very quick grower. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

Early Scarlet Turnip, White Tipped

One of the handsomest of the turnip radishes, and a great favorite. Color very deep scarlet with a distinct white tip; flesh white and of the very best quality. Extensively grown for market. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

Schwill's Perfection Scarlet Turnip White Tip Radish

White Icicle

Cooper's Sparkler, White Tipped

Globular in shape, rosy carmine, with white tip. Solid and crisp; very short top. This is a splendid variety and very popular on many markets. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

China Rose, Winter

One of the very best winter sorts, roots are cylindrical, or largest near the bottom, stump-rooted, or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots are 4 to 5 inches long and 2 inches thick. **Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 75c, post paid.**

California Mammoth, Winter

A large late or winter variety. The large, white roots grow 10 to 12 inches long and 3 to 4 inches in diameter at the shoulder, tapering regularly to the tip; flesh crisp, firm and decidedly pungent. **Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 90c, post paid.**

White Icicle

One of the best early long, white sorts, suitable either for forcing or growing outside. Roots somewhat shorter and tops smaller than White Vienna. Very crisp and tender and of a beautiful waxy white color. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c, post paid.**

SCHWILL'S RADISH

Schwill's Leafless Twenty Days

The earliest of all radishes. It not only lives up to its name, but really makes excellent specimens in 16 to 17 days. It is half-long, oval shaped, scarlet with white tip and bears two leaves strong enough for bunching. Excellent for the home garden and for hotel use, but is not intended for shipping. **Pkt. 10c; 1 oz. 25c; ¼ lb. 50c; 1 lb. $1.25, post paid.**

Long Scarlet Short Top

One of the long red radishes. It is very early, of good size, fine quality; most largely planted of all long red radishes. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

Long Black Spanish

One of the latest and hardiest varieties for winter use; grows to large size; roots 8 to 9 inches long and 2 to 3 inches in diameter, nearly black in color. The flesh is white, very firm and of good quality; a very popular market variety. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 75c, post paid.**

Early White Turnip

This is a very desirable white summer radish; grows a round, smooth root. Very crisp and firm. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 75c, post paid.**

Round Black Spanish

This splendid winter variety should be better known; roots are round and sometimes top shaded. Grows to large size and is an excellent keeper. Flesh is white, firm and of good quality. **Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 90c, post paid.**

French Breakfast

Of oblong form, color bright carmine with clear white in the lower portion. Very tender and mild. Good outdoors or under glass. **Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.75, post paid.**

SCHWILL'S SPINACH

CULTURE—One ounce will sow 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop, sow early in spring, in drills 1 foot apart, and thin to 2 inches in the row. For winter or spring crop, sow either broadcast or in drills about the first of September, or later. The soil should always be rich and well pulverized.

Bloomsdale Savoy Leaved

This is the most popular of the varieties we handle. In fact, we sell more of Bloomsdale than we do of all others combined. It has wrinkled leaves, resembling the Savoy cabbage; is hardy and prolific. It also is an excellent shipper and in this district is the selection of all the gardeners. Doctors say it is one of the healthiest of vegetables, and it certainly makes a tasty dish, when seasoned properly. Pkt. 5c; 1 oz. 15c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.00, post paid.

Victoria

One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. Pkt. 5c; 1 oz. 15c; ¼ lb. 20c; 1 lb. 50c, post paid.

Spinach

Round Leaf Summer

A desirable sort for early spring sowing; leaves large, bright green and of good quality. Pkt. 5c; 1 oz. 15c; ¼ lb. 20c; 1 lb. 50c, post paid.

New Zealand

Grows 1½ feet high and, if transplanted, 2 or 3 feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Broad-Leaved Flanders

One of the most vigorous and strong-growing varieties. The leaves are nearly round, uniformly deep green, quite thick and slightly crimped in the center. **Pkt. 5c; 1 oz. 15c; ¼ lb. 20c; 1 lb. 50c, post paid.**

Rhubarb, Salsify, Sorrel

VICTORIA RHUBARD SEED—**The most popular variety. Pkt. 10c; 1 oz. 30c, post paid.**

VICTORIA RHUBARD ROOTS—One year from seed, whole root. **Each 25c; doz. $1.95, post paid. Not prepaid, each 20c; doz. $1.75.**

SALSIFY—Mammoth Sandwich Island—This variety is large, strong growing, and less liable to branch than the other sorts. **Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. $2.50, post paid.**

SORREL, Large-Leaved French—**Pkt. 5c; 1 oz. 35c; 2 oz. 60c, post paid.**

SCHWILL'S SELECT TOMATOES

CULTURE—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hotbeds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. To insure best results, it is advisable to train tomato vines to stakes or trellises. Cultivate often, and as long the plants permit.

Marglobe

Unless all comments are worthless the Marglobe Tomato is destined to take the place formerly occupied by Stone, many years ago, Early Detroit, later, and Gulf State Market of more recent seasons. After a real trial in 1928 it literally swept the field in 1929 and today it ranks, unquestionably, as the most popular and the most satisfactory tomato that can be bought.

Last year our stock seed was exhausted early and we were compelled to refund hundreds of dollars on cash orders received. As a result we ask you to estimate your requirements early and to order accordingly.

Remember, please, this seed can not be manufactured; it must be grown.

Marglobe

Marglobe is a very productive second-early variety. It is highly resistant to Fusarium wilt and possesses some resistance to most blights. It produces abundant foliage, which shades the fruits well, and continues to bear for a long time. Its fruits are large, smooth, meaty, red and globular. They are also finely flavored and are covered by a tough skin which prevents much cracking. The Marglobe is an excellent tomato for shipping, canning and the manufacture of tomato products and is widely used by truckers, canners and manufacturers of puree, catsup, chili sauce and tomato soups. **Pkt. 10c; 1 oz. 45c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

Early Detroit

This variety is one of the largest and best of the early purplish pink tomatoes. The fruits are very smooth, uniform in size, nearly globe-shaped, firm and of excellent quality. Early Detroit is most valuable as a shipping variety as well as for home or market use. **Pkt. 10c; 1 oz. 45c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

Acme

A well known, hardy, early and productive sort; fruit of fair size, round and smooth; color purplish pink. Acme is solid and of excellent flavor. **Pkt. 5c; 1 oz. 35c; ¼ lb. $1.00; 1 lb. $3.50, post paid.**

Norton's Wilt-Resistant

This is another wilt-resistant variety, a large, medium early, red tomato, that is not intended for shipping. **Pkt., 5c; 1 oz. 30c; ¼ lb. 80c; 1 lb. $2.90; post paid.**

Gulf State Market

Gulf State Market is earlier than any other purple tomato, and its vines are exceptionally robust. For years we have found it to be the best and most popular variety for shipping. The fruit is almost true globe-shape, entirely free from cracks and blemishes about the blossom-end, and on the same cluster ripens uniformly. In color it is a rich purplish pink clear to the stem. It will outyield both in bulk and number of fruit any other variety of tomato today. **Pkt. 10c; 1 oz. 45c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

Marvelosa

Marvelosa is an excellent second-early, pink-fruited variety. It possesses heavier and more upright foliage than Marvana and is highly resistant to Fusarium wilt and somewhat resistant to most blights. Under favorable conditions it produces heavy crops of medium large, smooth, globular fruits. Marvelosa gives excellent results both in the field and under glass. **Pkt. 10c; 1 oz. 45c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

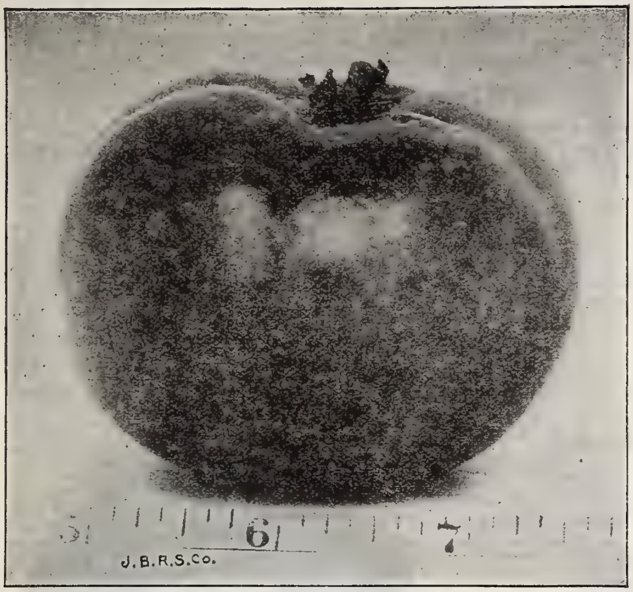
Schwill's Brimmer

This is the largest of all tomatoes, medium early, red, and is intended for home use. The vigorous vines bear a heavy load of fruit right up to frost and some of these tomatoes will weigh as much as 3 pounds each. That requires staking, of course. It is solid; without core and has few seeds. **Pkt. 10c; 1 oz. 70c; ¼ lb. $1.85; 1 lb. $6.50, post paid.**

Marvana

Marvana is a very productive first-early variety of the Earliana type. Its vines and leaves are small but fairly resistant to most diseases. Its fruits are about the same size of those of Earliana but are smoother, deeper and better colored. Marvana requires a fertile soil and a liberal supply of moisture, however, to produce a heavy crop. **Pkt. 10c; 1 oz. 35c; ¼ lb. 95c; 1 lb. $3.00, post paid.**

SCHWILL'S SELECT TOMATOES



Marvana

Earliana

One of the earliest of the very early tomatoes, very productive for any early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet. **Pkt. 5c; 1 oz. 25c; ¼ lb. 65c; 1 lb. $2.25, post paid.**

Schwill's Premier

The largest and smoothest of the early red tomatoes. The vines grow very compactly, are immensely productive and bear continuously throughout the season, in which respect it far surpasses the Earliana. **Pkt. 10c; 1 oz. 40c; ¼ lb. $1.15; 1 lb. $4.00, post paid.**

Ponderosa

An exceptionally large, purple-fruited tomato, and for home use one of the best, fruits very solid, with few seeds. Quite a favorite with those who prefer a tomato free from acid. **Pkt. 10c; 1 oz. 50c; ¼ lb. $1.50; 1 lb. $5.50, post paid.**

June Pink

In habit of growth, productiveness and size of fruit, identical with Earliana, differing only in having purple fruit; the best extra early purple or pink fruited variety. **Pkt. 10c; 1 oz. 40c; ¼ lb. $1.20; 1 lb. $4.25, post paid.**

Schwill's Red Majestic

A main crop sort of superior merit. The fruits are very large, smooth and symmetrical, ripening well to the stem. The flesh is rich, bright red in color, and of fine quality. **Pkt. 10c; 1 oz. 40c; ¼ lb. $1.25; 1 lb. $4.00, post paid.**

Hudson Valley

The potato-leaved Earliana; this is also called Wayahead. The fruits are bright red and are smoother, deeper and of better color than the old Earliana. The yield is also much heavier and the clusters of fruits ripen evenly and at one time. **Pkt. 10c; 1 oz. 45c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

Stone

The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. The most popular of the late or main crop sorts. **Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.75, post paid.**

Livingston Globe Tomato

Livingston's Globe

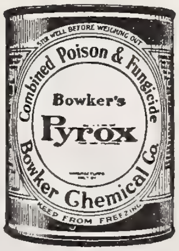
A very vigorous, productive, medium early tomato, much in favor with Southern truckers as a shipping sort. Fruit globe shape, smooth and solid; color purplish pink. **Pkt. 10c; 1 oz. 45c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

Matchless

An outstanding tomato in every way; a strong, vigorous grower, with thrifty vines, producing large, handsome fruit, rich cardinal red in color. One of the best of the large, smooth, main crop varieties. Fruits free from core, firm, solid and keep unusually well. **Pkt. 5c; 1 oz. 25c; ¼ lb. 60c; 1 lb. $1.95, post paid.**

Spray With Pyrox

"What is the best spray for tomatoes?" asks a customer. We think that Pyrox is, because it does everything that is expected and because we seldom receive complaints from users. Ready for use by mixing with cold water. Prices on page 67.



TOBACCO

CULTURE—One ounce of good seed is sufficient for an acre. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

Havana

The leaf is very thin and is of fine texture. The variety is much used for cigar wrappers. **Pkt. 5c; 1 oz. 50c, post paid.**

Connecticut Seed Leaf

A hardy cigar variety, well adapted to growing in the middle and northern states. **Pkt. 5c; 1 oz. 40c, post paid.**

Pepper
Crimson Giant

*For Pepper Plants
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SCHWILL'S PEPPERS

CULTURE—One ounce will produce about 1,000 plants. Sow in hotbed in March and transplant to the open ground as soon as the weather is warm and settled. Set in 3-foot rows about 2 feet apart. Cultivate well and keep free from weeds; hen manure or Schwill's Truck Grower Fertilizer worked into the soil when the plants are young will greatly increase the yield.

Chinese Giant

Plant dwarf, fruit of mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. **Pkt. 10c; ½ oz. 30c; 1 oz. 50c; ¼ lb. $1.50; 1 lb. $4.75, post paid.**

Crimson Giant

An early maturing large size sweet pepper, similar in shape to Chinese Giant, but much longer, and flesh thicker. It is exceptionally mild and very prolific; earlier than the Chinese Giant. **Pkt. 10c; ½ oz. 25c; 1 oz. 40c; ¼ lb. $1.25; 1 lb. $4.50, post paid.**

Ruby King

A pepper of large size, well known and much esteemed by truck growers. When ripe, its color is a beautiful ruby red, very attractive and of good quality. **Pkt. 10c; ½ oz. 15c; 1 oz. 25c; ¼ lb. 75c; 1 lb. $2.50, post paid.**

Sunnybrook

Something new. Extremely early, prolific and sweet. Round and about the size of the Pimento. **Pkt. 10c; ½ oz. 15c; 1 oz. 25c; ¼ lb. 75c; 1 lb. $2.50, post paid.**

Red Chili

Small and very pungent, used for chili sauces. **Pkt. 10c; ½ oz. 35c; 1 oz. 60c, post paid.**

Long Red Cayenne

Bright red, long in shape, very biting. **Pkt. 10c; ½ oz. 20c; 1 oz. 30c; ¼ lb. 95c; 1 lb. $3.50, post paid.**

Tabasco

Used to make Tabasco Sauce. **Pkt. 10c; ½ oz. 35c; 1 oz. 60c; ¼ lb. $1.75, post paid.**

Chinese Giant Pepper

Bell or Bull Nose

A well known variety; large and oblong, bright crimson, and a good bearer; not as sweet as the Chinese Giant. **Pkt. 10c; ½ oz. 15c; 1 oz. 25c; ¼ lb. 75c; 1 lb. $2.50, post paid.**

Pimento

This is a heart-shaped variety, most all meat. Very mild and of elegant flavor. Requires rich soil and plenty of moisture to make fruits grow to perfection. This is the variety used by canners. **Pkt. 10c; ½ oz. 20c; 1 oz. 30c; ¼ lb. 95c; 1 lb. $3.50, post paid.**

Pimento Pepper

Royal King

This is a cross of Ruby King and Chinese Giant, which has made it a very attractive variety; it grows to a large size, of very handsome appearance, of a bright scarlet color when fully ripe and is exceedingly glossy, thick, sweet and so mild that it can be eaten raw from the hand. Splendid for stuffing. The strain that we grow runs uniform and true, and is pronounced by market gardeners and shippers to be the finest pepper on the market. **Pkt., 10c; ½ oz., 20c; 1 oz., 30c; ¼ lb., 95c; 1 lb., $3.50, post paid.**

PARSLEY

CULTURE—One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate slowly, often 2 or 3 weeks will elapse before the plants will make their appearance. Often fails entirely in dry weather. Thin to 6 or 8 inches, keep the soil loose.

Double, or Curled

Leaves crimped or curled; used principally as a garnish. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ tb. 30c; 1 tb. 85c, post paid.**

Plain, or Single

Stronger in flavor than the curled varieties. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ tb. 35c; 1 tb. $1.00, post paid.**

Champion Moss Curled

The leaves are finely cut and so closely curled as to resemble bunches of moss. One of the most popular varieties because of its uniformly deep green color. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ tb. 30c; 1 tb. 85c, post paid.**

SCHWILL'S SQUASH SEED

CULTURE—One ounce will plant about 40 to 50 hills; 3 or 4 pounds to the acre. Sow as soon as the weather becomes warm and settled, in hills about 4 feet apart. Cultivate often to keep the weeds down, and the soil loose. The late varieties should be planted about six feet apart.

Mammoth White Bush

An improved variety of the well known White Bush Squash, growing 12 to 25 inches across; of uniform shape, of beautiful white color, very early and prolific. **Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 95c, post paid.**

Giant Yellow Summer Crookneck

The largest and one of the earliest summer varieties, being twice as large as the ordinary Crooknecks. The fruit is often two feet long, very warty, and of excellent quality. **Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. $1.00, post paid.**

Hubbard

One of the best winter squashes; flesh bright orange yellow, fine-grained, very dry, sweet and richly flavored. **Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Vegetable Marrow

An English variety for summer and fall use. Produces large oblong fruit, dark green at first, but becomes marbled with yellow as it matures. Grows about 9 inches long; the flesh is white and the shell pale yellow. **Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. $1.50, post paid.**

Fordhook

A small, oblong variety, excellent for summer or winter; fruits 8 to 10 inches long, slightly ridged; skin smooth, thin and yellow; flesh very thick, creamy yellow, extremely dry and sweet. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Boston Marrow

Large-fruited, hard shell sort, for winter use. In form and size similar to Hubbard, shell bright orange, flesh yellow and firm; the best for pies and canning. Vines running, very productive. **Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

SWISS CHARD

Silver Beet, or Cut and Come Again Spinach

This vegetable is grown for its leaves and stalks, which make excellent greens. Sow the seed early in spring, in rich well-drained soil, in drills 1½ feet apart. Thin to 6 or 8 inches, and cultivate like spinach. The leaves can be used as soon as they are large enough to cut without destroying the plant. It is also a good green feed for chickens. Good cultivation increases the tenderness of the leaves. Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. 90c; 5 lb. $3.75, post paid.

Mammoth White Bush

Swiss Chard

JAPANESE FOLIAGE TURNIP

After convincing trial we offer this to you with full assurance that you will be pleased. This seed is imported direct from Japan and some day may displace Seven Top in the hearts of Southern planters. The tops, which are carried upright and give the plant unusual resisting qualities against insect pests, are mild in flavor and of extremely tender texture. The root is pure white, globe shaped, tender and mild. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

TURNIPS AND RUTABAGAS

American Red Top Globe Turnip

Schwill's Red Giant Is Our New Turnip

This is a special introduction of an English strain that has shown up surprisingly well in Memphis. The skin is bright red and the flesh is white. It is a robust grower and a heavy cropper and we have called it Red Giant because it usually grows twice the size of the ordinary turnip. Pkt. 10c; 1 oz. 15c; ¼ lb. 35c; 1 lb. $1.00; 5 lbs. $4.25, post paid.

Here's Turnip Bargain

Everybody buys turnip seed. So, why not buy it at a bargain? You can't beat this offer, and only one collection is allowed to a customer. Here it is. One package of each of the following varieties:

Mammoth Purple Top White Globe.
Red or Purple Top Strap Leaf.
Large White Globe.
Large Amber Globe.
Seven Top.
Post paid for........ 20c

CULTURE—One ounce will sow 200 feet of drill; 1 to 2 lbs. for an acre. For early use, sow seed of flat varieties in open ground in spring, in drills 1 foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until May. For fall and winter sow in August and September. A good crop may often be grown by scattering seed thinly in the cornfield at the last cultivation.

American Red Top White Globe

A large globular variety, very even in shape and of handsome appearance. The crown is purplish red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table use. The variety is a good keeper and a fine market sort. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c; 5 lbs. $3.00, post paid.

Mammoth Purple Top White Globe

Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Large White Globe

Of perfect globe shape; skin white and smooth; leaves large and dark green. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Extra Early White Egg

Is very early, tender and crisp; the shape is oblong, resembling an egg. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c, post paid.

Early White Flat Dutch Strap Leaf

A very quick-growing white variety, adapted for spring sowing. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Red or Purple Top Flat Strap Leaf

An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Purple Top Yellow Aberdeen

A medium-sized, round, late-maturing yellow turnip. Roots yellow with purple crown; flesh pale yellow. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Large Amber Globe

Grows to a large size, skin yellow, with green crown. Flesh yellow. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Superb Mixed Turnip

A mixture of all varieties, lasting from early fall to the following spring. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. $2.25, post paid.

Long White Cowhorn

A very productive, quick-growing turnip, of excellent quality, fine-grained and very sweet. Often used as a soil improver. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c, post paid.

Extra Early Purple Top Milan

Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra early garden turnip. Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 85c, post paid.

Seven Top

Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. $2.50, post paid.

RUTABAGA

Swedish or Russian Turnips.

Improved Purple Top Yellow

Grows the same shape and size as Purple Top Globe Turnips. Color of skin yellow with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 55c; 5 lbs. $2.50, post paid.

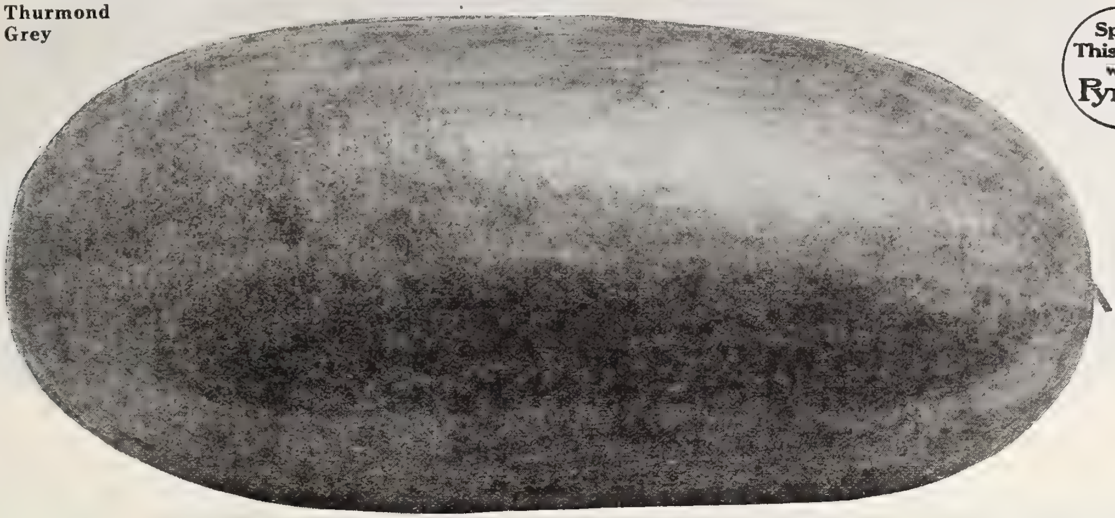
White or Sweet Russian

An excellent keeper and very desirable either for the table or for stock. The tops are small, with leaves cut at the edges. The roots are very large, nearly globe-shaped. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c, post paid.

SCHWILL'S WATERMELONS

CULTURE—An ounce will plant 40 hills; 2 to 3 pounds will plant an acre. Watermelons delight in a light sandy soil. Plant when danger from frost is over, in hills 8 to 10 feet apart each way. Put from 10 to 15 seeds in each hill and when well started thin out to the two best plants. In this latitude we plant the seed about the middle of April. The bugs will require careful watching or they will eat up the plants before they get started. Do not make a big "hill" when sowing the seed; it is much better to have the "hills" level with the surface of the ground.

Thurmond Grey



Spray This Crop with Pyrox

Stone Mountain

Undoubtedly the greatest melon on the Southern market. Demand is always more than our grower can supply. Last year we were sold out before the planting season was well under way, as eight melons produce only one pound of seed. Claimed to be the sweetest of all the large melons. Almost round, with dark green rind, medium thick; flesh rich scarlet. Not unusual to grow Stone Mountains 70 to 80 pounds. Unexcelled for nearby markets. Time for ripening, 90 days. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 50c; 1 lb. $1.50; 5 lbs. $6.95, post paid.**

Thurmond Grey

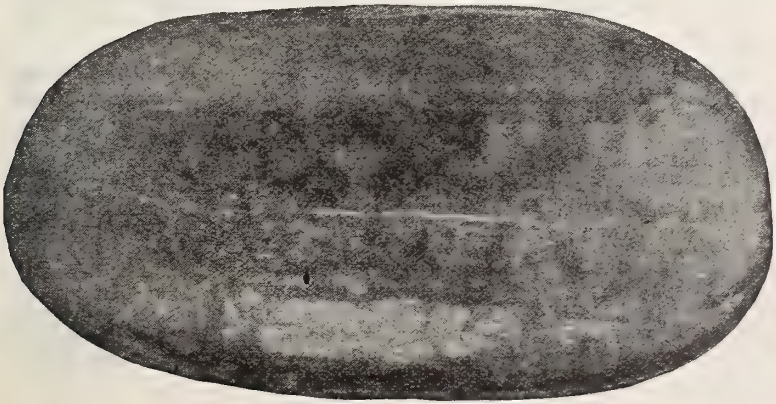
Immensely popular in Southeast Missouri as a shipping melon. It is a long, thick, mottled, prolific melon, with grey rind; red, firm flesh and brown seed. Stands wet weather well and is not subject to the diseases that attack other varieties. If you're looking for something that will bring a premium on your home market and will be an excellent shipper for long distances, you should try Thurmond Grey. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lbs. $5.50, post paid.**

Irish Grey

A distinct and valuable melon, wonderfully productive, will produce as many good melons under the same conditions as any other variety; long, thick, uniform; color of rind, yellowish-gray, interwoven with thread-like veins, smooth, marble-like surface, almost as hard as the Citron; flesh sparkling, bright red, sweet and entirely free from hard centers or stringiness, yet the flesh is firm and compact. Will not break when sliced; one of the best shippers; average size, 30 pounds; time for ripening, 85 days; seeds white. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 50c; 1 lb. $1.50; 5 lbs. $6.95, post paid.**

Improved Kleckley Sweet

This sweet watermelon is immensely popular. While the skin is too tender for long distance shipments, it is most desirable to plant for home use or nearby markets. Fruits are oblong in form, dark green skin, very thin rind. Flesh bright scarlet, with broad, solid heart, crisp, sugary and melting, entirely free from stringiness. The melons average from 18 to 22 inches in length, by 10 to 12 inches in diameter, of handsome appearance and superior quality. The melons ripen quite early. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lbs. $5.50, post paid.**



Improved Kleckley Sweet Watermelon

Kleckley Sweet

This is a real favorite. Dark green skin, thin rind; flesh bright scarlet, solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size; seeds cream with an occasional seed smeared with brown; time for ripening 85 days; average weight 25 pounds. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.00; 5 lbs. $4.00, post paid.**

Ribault

Here's a market melon for you. It will produce more big, fine, salable melons than any other of equal quality, our grower states. The shape is almost perfect—about 24 inches long by 15 inches in diameter. The field run average is about 40 pounds, with dark green rind and red, sweet flesh; time for ripening, 95 days. Not unusual to grow Ribaults 70 to 80 pounds. Excellent shipper. **Pkt. 5c; 1 oz. 20c; 2 oz. 35c; ¼ lb. 60c; 1 lb. $1.95, post paid.**

SCHWILL'S WATERMELONS

Spray This Crop with Pyrox

Special Tom Watson Watermelon

Special Tom Watson

This seed is saved from the most perfect melons, none weighing less than 40 pounds each, and from many that weighed 70 pounds each. This seed is then graded and cleaned, and consequently will produce finer and larger melons than the regular stock. If you want something extra, order this special stock this season. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lbs. $5.50, post paid.

Porto Rico

A new orange flesh melon for the small gardener. The outer skin is dark green, striped with lighter green, grows long and distinctly pear shaped—that is, smaller at the stem end. Every one the same shape and stripe. Matures in 90 days. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, postpaid.**

Black Diamond

A rich, dark-green color, uniform shape, very productive; flesh bright-red and good flavor; almost round; seeds black; time for ripening, 90 days; average weight, 30 pounds. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. 90c; 5 lbs. $4.00, post paid.**

Georgia Rattlesnake

An elongated grey with light-green stripes; an excellent shipper; vines vigorous and productive. Flesh red and sweet, seeds white with black tips. Time for ripening, 80 days. Average weight, 25 pounds. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. 85c; 5 lbs. $3.50, post paid.**

New Wonder

This melon in shape is long, thick and grows to a large size. It has a dark green rind and red meat that is sweet to the last bite. The New Wonder is highly productive and the yield is surprisingly large. By all means order a package of this seed for trial and take our word that you will be satisfied. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25; 5 lb. $5.50, post paid.**

Halbert's Honey

This melon is dark green, slightly ridged and blunt at both ends, the flesh is very sweet and melting, leaves no trace of pulp; bright crimson, not a good shipper. Rind very tender; grows very long in shape; seeds white, small and black tips; time for ripening 85 days. Average size 25 pounds. **Pkt. 5c; 1 oz. 10c; 2 oz. 15c; ¼ lb. 30c; 1 lb. $1.00; 5 lb. $3.95, post paid.**

Tom Watson

One of the best melons either for market or home use; very prolific; attains a larger size than any of the long, green melons, frequently growing 50 or 60 pounds in weight; no tipped ends or necks to rot; one of the best shippers. The rind is thin but tough; flesh, dark red, tender, firm and sweet; produces melons 18 to 24 inches long by 10 to 12 inches in diameter; seeds light-brown, smeared with darker brown; time for ripening, 90 days. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. $1.00; 5 lbs. $3.95, post paid.**

Perfection

It is long and thick in shape, with dark, glossy green rind; grows to large size; is medium early, heavy cropper; has bright red, sweet flesh, white seeds with black tips. Considered one of the best home market melons. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.25, post paid.**

Golden Honey

A golden flesh melon, glistening amber shade of yellow; very tender and delicious flavor; round in form; rind, light green with mottled stripes; entirely free from hard centers or stringy sections. The rind is thick, but the melon is not a good shipper. Seeds white, with black tips. Average weight, 20 pounds. Time for ripening, 90 days. **Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. $1.00, post paid.**

Harris' Earliest

An extra early melon of excellent quality. Fruits larger than any other extra early sort; slightly oval with broad bands of mottled stripes, light and dark-green. Flesh bright-red and very tender; vines vigorous and productive. Not a good shipper. Seed black. Time for ripening, 80 days. Average weight, 25 pounds. Pkt. 5c; 1 oz. 15c; 2 oz. 25c; ¼ lb. 35c; 1 lb. $1.00, post paid.

Angel Kiss

One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and greyish white in color; handsome and attractive. **Pkt. 5c; 1 oz. 15c; 2 oz. 20c; ¼ lb. 30c; 1 lb. 85c, post paid.**

SCHWILL'S OATS, WHEAT, RYE, BARLEY

THRESHING OATS

EARLY BURT—The quickest making, most prolific and surest growing of the spring oats. Good for thin land. Sow 2 bushels to acre.

RED RUST PROOF—These oats are very popular throughout the South. They do well on any good land and are very productive. They are sown both in the spring and fall at rate of two bushels per acre.

APPLER—A very hardy variety, rust-proof and a heavy yielder. Mature ten days earlier than native rust-proof and about a week later than Burt.

WINTER TURF—This is also known as Virginia Gray, and its popularity is due to its extreme hardiness. No other oat, common to the South, has been able to stand such extreme cold as Winter Turf. As a result, many planters will allow land to lie idle rather than seed it to any other variety. The heavy yield, for which it is famous, is due to its stooling propensity. As a result, it has an advantage over all other oats for grazing purposes. Compared to the recleaned grain of a bright red oat, the Winter Turf shows up poorly, but such is its nature—dark and stained. We recommend it for fall sowing.

Wheat

Sow in February or March in spring or after September 15 in the fall. Use 5 pecks per acre for grain or one bushel for hay. Red May is the most popular variety in this part of the country, but we can fill your requirements if you write for prices. **1 lb. 25c, post paid.**

Rye

Rye is one of the most important of the winter cover crops. It may be sown any time between August and November at the rate of five pecks per acre, when used alone, or one bushel per acre when planted in combination. Usually it is seeded with vetch or oats, using 25 pounds of the vetch and a bushel of the oats. There are three principal varieties:

Scene in Wheat Field

ABRUZZI—Best of the varieties for seed purposes, grazing or cover crop. Is earlier and makes heavier yield of grain and forage, according to tests at experiment stations. Seed is very dark and easily recognized.

ROSEN—Raised principally in Michigan, but seeded for pasturage in the South.

MISSOURI—Also known as common rye.

Speltz or Emmer

Matures as early as Barley and grows as tall as Rye, but is of better feeding value than either. It is tough and hardy and stands drouth better than any other grain. Sow in March, 1 bushel to the acre, broadcast. **1 lb. 25c, post paid.**

Beardless Barley

Barley is an excellent grain feed for stock, being almost equal to corn. It does not compete with corn, often, however, as it is seldom planted in corn belts. It produces more pounds to the acre than oats or wheat and can be seeded after wheat. Sow 1½ to 2 bushels per acre. **1 lb. 20c, post paid.**

Russian Sunflower

Plant in March, April and May, 6 pounds of seed to the acre, making rows 3½ feet apart, dropping 2 seeds every 18 inches; cultivate like corn. **1 lb. 25c, post paid.**

SEE PAGE 90 FOR QUANTITY PRICES.

SEED CORN is not simply shelled corn. There's a great difference, just as there is between silk and cotton or between a Ford and a Lincoln. Shelled corn and feed corn are the same. All of the grains are removed from all of the ears that have been gathered and this feed is sometimes sold under the mislabeled title of seed.

True seed corn is picked in the field by an experienced grower, who pays particular attention to type of grain and cob, and who discards all ears that do not measure up to requirements. These selected ears are nubbed and tipped before shelling, and the customer then has seed corn. That's what we offer.

Schwill's Prize Medal

Schwill's Prize Medal (120 Days)

The largest white corn grown; matures in 120 days. It is vigorous, healthy, a rank grower and an enormous yielder. A deep, near gourd seed grain, sound as a dollar, ears a full foot long. On good ground will make 60 to 75 bushels to the acre. A whacking big ear with a big stalk. Truly a Southern favorite. It is also a fine ensilage variety on account of its heavy foliage and stalk. **Qt. 30c; 4 qts. 75c, post paid.**

Read What This Customer Thinks

"I have tried many kinds of corn but have never found any variety that outyields Schwill's Prize Medal. It stands the drouth better and seems to stand and just wait for rain. It has large stalks with good brace roots and weathers hard winds where other corns blow down.

"I have made from 35 bushels on thin land to 105 bushels per acre on good land. I got first prize on best 10-ear lots at my County Fair (Searcy, Ark.), and second best at the State Fair."—Dan Peek, Gilbert, Ark.

Schwill's Red Cob White Prolific

(110 Days)

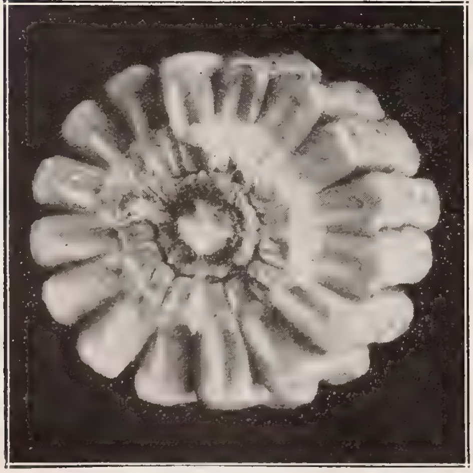
This is a somewhat new variety, offered for the sixth time. The ears are medium size, the grain is white and the stalks will produce from two to six ears, when conditions are right. In a general way it may be called the red cob rival of Mosby's Prolific. **Qt. 25c; 4 qts. 70c, post paid.**

"If you remember, some time ago I wrote you and told you that I was going to enter some Schwill's Red Cob Prolific corn at the Arkansas State Fair. Well, I made two entries, one ten-ear of which I won first over all small eared corns, and one 110-ear exhibit on which I won second over all small eared prolific. I shelled four ears of this corn last week. All four grew on the same stalk. They shelled 1¾ pounds. I am more than pleased with Schwill's Red Cob Prolific. Yours for better corn,"

R. E. HARPER, DesArc, Ark.

Schwill's White Cob White Prolific (110 Days)

Bred up from selected ears of Mosby and grown in specially cultivated bottom land on the Schwill farm. No other variety nearby, thereby assuring a true type. Cob is white and surprisingly small; grains are narrow, deep and white and fill out the cob at both ends. Makes two and three ears to the stalk. **Qt. 30c; 4 qts. 90c, post paid.**



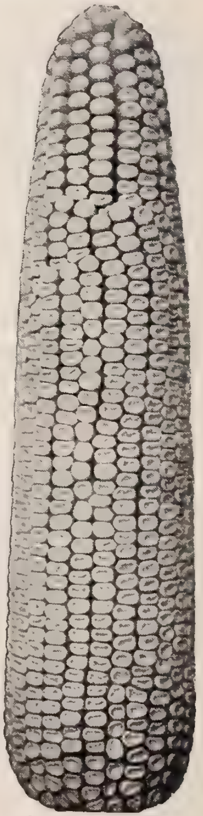
Schwill's Red Cob Prolific

Mosby's Prolific (110 Days)

For many years Mosby's Prolific has been recognized as the standard Southern corn for general crop. As such we recommend it with the added declaration that for all conditions and purposes it is the safest, surest and best variety that we handle. And, remember that this statement is covering a world of territory. It is purely white, has small cob, deep, full grains and stands crowding in the drills as close again as any other kind. **Qt. 25c; 4 qts. 70c, post paid.**

North Carolina White Prolific (110 Days)

A dandy Southern field corn for general purposes. Resembles Mosby's Prolific so much and in so many ways that it is confusing. In other words, it is worth space on the farm. **Qt. 25c; 4 qts. 70c, post paid.**



Mosby's Prolific

SCHWILL'S SELECTED SEED CORN

Schwill's Re-Selected Yellow Dent

This is the finest type of yellow corn in the South today. It is an annual blue ribbon winner; is found in competition at every fair and is on every farm where the finest and highest bred types are sought.

Schwill's Re-Selected Yellow Dent has been on the Memphis market for the past eight years, but it may be obtained only from us. No other seed house in the state can deliver this to you. Once you try it you'll know why our customers demand it at any price. **Qt. 30c; 4 qts. 90c, post paid.**

Reid's Early Yellow Dent
(100-110 Days)

This is a leading standard yellow variety, originated in Illinois many years ago, and is a type that experts have failed to change for the better. In our opinion this is the most popular variety of yellow corn grown in the United States. Color, deep yellow, with lighter cap. Grain very deep, closely packed; butts and tips almost entirely covered over. The leaves and stalks of Reid's Yellow Dent make fine ensilage and fodder. Well adapted for our Southern country. **Qt. 25c; 4 qts. 75c, post paid.**

Schwill's Re-Selected Yellow Dent Seed Corn
Drying on Racks

DESCRIPTION

Schwill's Re-Selected Yellow Dent makes a large ear with 18-20 rows of well-formed yellow grains. These grains are exceedingly deep, distinctive in shape and color and grow entirely around the tip and the butt. In other words there is no lost space on the cob, which is medium in size and red in color. It shells out more corn than you would expect, makes best on good land, of course, but can stand the drouth like Mexican June. Time of maturity, 90 days.

Special

Jarvis Golden Prolific
(100 Days)

As a result of increasing popularity and widespread satisfaction in all localities we are offering Jarvis Golden Prolific to you for special consideration. As experienced a corn-grower as W. S. Danner, Clarkedale, Ark., proclaims it one of the finest types he ever has seen. And Mr. Danner knows about all there is to be known about corn.

To our knowledge it is the only prolific yellow corn that grows. It makes two medium sized ears to the stalk; has an extremely hard grain; is drouth resistant and is used both as a roasting ear and for stock. **Qt. 30c; 4 qts. 85c.**

Schwill's 90-Day Early Yellow

This is a standard variety; matures quick and yields good crop. Is used extensively by truckers and market gardeners. **Qt. 20c; 4 qts. 60c, post paid.**

Tennessee Yellow Dent
(90 Days)

This is a top-heavy favorite with Southern planters because of its early maturity and its ability to withstand dry weather. It will make on thin land where others fail. Ears are 8 to 10 inches long; cob is medium and red and color is clean yellow. **Qt. 25c; 4 qts. 70c, post paid.**

Tennessee Mammoth Yellow
(110 Days)

Similar in many ways to the above, but much larger and twenty days later. Needs good land to make, but will pay for the difference. Ears are filled to the end with deep, bright grains. **Qt. 25c; 4 qts. 70c, post paid.**

Early Yellow Canada
(85 Days)

A long, 8-rowed, flint variety of yellow corn. It is very early, and is planted in both field and garden. Grows and produces well, and makes excellent roasting ears. **Qt. 30c; 4 qts. 75c, post paid.**

Iowa Gold Mine
(90 Days)

This is a very early variety, ripening in 90 days. The ears are large and the cob small; the grain is deep and a bright golden yellow. **Qt. 20c; 4 qts. 60c, post paid.**

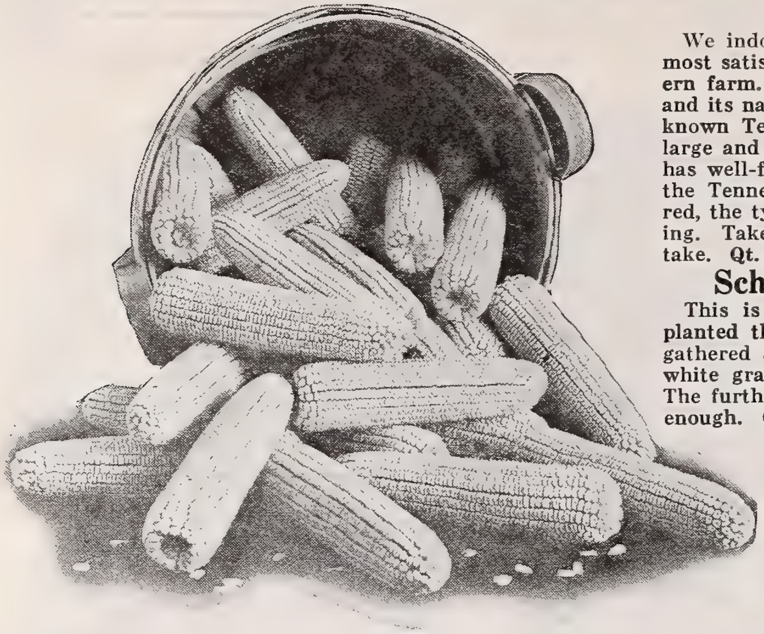
Improved Yellow Leaming
(100-110 Days)

A very popular and extremely productive variety. The ears are long, cob small, well filled with small, deep, orange-yellow grains. Matures in 100 to 110 days. **Qt. 20c; 4 qts. 60c, post paid.**

Mortgage Lifter
(95 Days)

A large-eared variety of yellow corn. Matures medium early, about 95 days; a big yielder. The ears are well filled with bright yellow grains of fair size. **Qt. 25c; 4 qts. 70c, post paid.**

SCHWILL'S SELECTED SEED CORN



Paymaster Corn

Paymaster (100 Days)

We indorse this corn, after extensive trials, as one of the most satisfactory and heavy yielding varieties for the Southern farm. Its origin is Southern, its reputation is Southern and its nature is Southern. It is similar in type to the well-known Tennessee White Red Cob, but the ears are not as large and it produces two to the stalk. The cob is smaller, has well-filled butts and tips and will shell more corn than the Tennessee. The grain is deep white, the cob is bright red, the type is standard and popular and the yield is amazing. Take our recommendation and you will make no mistake. **Qt. 25c; 4 qts. 70c, post paid.**

Schwill's Ninety-Day Early White

This is one of the earliest varieties we handle. When planted the third week in March it should be ready to be gathered July 1. Ears usually bear about 18 rows of deep white grains and the type is similar to Iowa Silver Mine. The further fact that it carries our name is recommendation enough. **Qt. 20c; 4 qts. 60c, post paid.**

Tennessee Red Cob, White (100-110 Days)

The ears are medium-size with 16 to 18 rows of large, deep, wide and thick grains. The cob is red and the type is an old favorite in this part of the country. From its name you know that it is a Southern corn. It makes fine roasting ears and good meal. **Qt. 25c; 4 qts. 70c, post paid.**

Iowa Silver Mine (90 Days)

A fine white corn, growing about 7 to 8 feet high. Every stalk bears a good ear—sometimes two or three. The ears are long and uniform, with usually 18 rows of deep, pure white grains. The cob is white and well filled and the type is a remarkably heavy yielder. As a matter of fact, Iowa Silver Mine has been one of the biggest sellers for many years—and there must be a reason. **Qt. 20c; 4 qts. 60c, post paid.**

St. Charles White, Red Cob (110 Days)

St. Charles grows to an average height, producing eight-inch ears on a medium red cob. The grain is white and the type is common to the South. Some planters choose between this and Paymaster, but we like the latter better. **Qt. 20c; 4 qts. 60c, post paid.**

Champion White Pearl (90 Days)

This is a highly bred, pure white, 90-day corn. It produces a large ear, 8 to 12 inches in length with 16-20 rows of grain. Champion White Pearl is uniform in weight, size and color and is a heavy yielder. **Qt. 20c; 4 qt. 60c, post paid.**

Tait's White Dent (90-100 Days)

A pure white early corn, bearing two good ears to the stalk, maturing in 90 to 100 days. The cobs are unusually small for the size of the corn. The ears are medium-sized, 14-rowed. Plant it for early crop, as it makes before summer drouth. **Qt. 25c; 4 qts. 75c, post paid.**

Hickory King (100 Days)

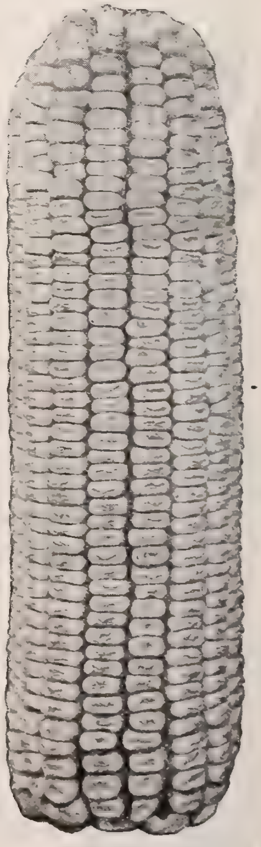
The cob is so small and the grain is so large that when an ear is broken in half one grain will cover the entire end of the cob. The stalks take a firm hold on the ground and stand up well under wind and rain storms. In good soil it will make two and three ears to the stalk and on thin land one ear. But, there is so much corn to the ear that it will outshell anything in its class. As a result it is a prime favorite for growing for stock. It is common to this district and we have no hesitancy in boosting it. **Qt. 25c; 4 qts. 70c, post paid.**

Mexican June (90 Days)

When that oppressive June heat begins to settle down upon the farm it is a hard matter to talk to any planter about corn unless it is Mexican June. At that time of the year he wants Mexican June and nothing else. That is because it is used principally for late planting and will stand the drouth better than any other variety. It came from Mexico; hence its name. Ears are about eight inches long; the grain is mostly white and irregular in size. Here and there are found blue grains and the cob is generally white. As long as there is enough moisture to sprout the seed you can depend upon Mexican June and it makes fine roasting ears, up to frost. We can not classify it with our leading types, from a standpoint of merit, but from an angle of actual sales we can say that it ranks with the first three. **Qt. 25c; 4 qts. 70c, post paid.**

Large White Flint (100 Days)

Matures in about one hundred days. Very large ears, 12 to 15 inches long, of symmetrical shape and flinty white color. The stalks are tall, leafy and generally produce 2 to 3 ears. Largely grown by dairy farmers for fodder. **Qt. 30c; 4 qts. 75c, post paid.**



Schwill's 90-Day White Corn

SCHWILL'S HIGH GRADE CLOVERS

Baling Red Clover on a Southern Farm

Red Clover

Red Clover is one of the most important of all cultivated legumes. Either alone or in mixtures it is the most used forage and soil improving crop in many sections of the United States. It will grow on any well-drained, fairly rich soil that has plenty of lime. Without lime it will not thrive. The most common method of seeding is on winter grain, but it is also used with spring grain. In the South it is successfully sown in late summer. However, it is used in rotation frequently, and is so recommended. American seed is to be preferred, according to Farmers' Bulletin 1339. Sow in a fine, firm seed bed. 10-15 pounds per acre. **1 lb. 50c, post paid.**

INOCULATE
This Seed

INOCULATE
This Seed

Mammoth or Sapling Clover

Mammoth differs from medium red clover in being about two weeks later in maturity and in being larger and coarser. It is more hairy and in autumn of the first year blooms very little. It is longer lived than medium red, but can be harvested but once a year, because it is slow to recover. 1 lb. 55c, post paid.

White Dutch Clover

This variety is extremely valuable for permanent grass mixtures or those prepared for grazing land. It will stand more grazing than any other clover. As the growth is short it has no value in a hay crop. Much is used in lawns. Sow in spring, 4 to 6 pounds per acre. 1 lb. 60c, post paid.

Crimson Clover

Succeeds on most any grade of soil. Sown at the rate of 15 pounds per acre, any time after August 15th, and up to November 1st, or can be sown between cotton or corn during August, using 6 to 10 pounds to the acre. Crimson Clover furnishes good hay and adds fertility to the soil. The Progressive Farmer has called Crimson Clover nature's greatest fertilizer. For best results, inoculate seed with Culture. Write Department of Agriculture for Farmers' Bulletin 1142. 1 lb. 45c, post paid.

White Sweet Clover, or Melilotus

White Sweet Clover (Melilotus Alba), called Melilotus in the South, is a forage plant, ranking second only to alfalfa. It may be sown either in spring or fall at the rate of 12-15 pounds per acre. It has been called the greatest soil **renovator** on record and will thrive on the low, wet, acid, alkali, hard and poor soils where red clover and alfalfa fail. Once it was a despised weed, but now it is a popular favorite, because it makes rapid growth in the spring; as a green manure crop, adds fertility to the soil; is excellent for stock; will not bloat cattle and prepares thin land for other crops. It is also the main honey crop for bees in many sections. (Write for Farmers' Bulletin 797.) **1 lb. 30c, post paid.**

INOCULATE
This Seed

Melilotus Indica, known also as sour or yellow annual sweet clover, is fast forging to the front as a valuable winter cover crop and is adapted to the lower two-thirds of the South. We recommend 20 pounds of seed to the acre and if sown before a rain it will not be necessary even to scratch it in. **1 lb. 35c, post paid.**

Alsike Clover

In the South, alsike clover is recommended for creek bottoms and other wet lands. It thrives best in a cool, moist climate. Where it is not possible to apply lime and so insure a stand of red clover, alsike may be used. Mixed with red clover on uplands alsike makes a stand where red clover does not catch. It is used mostly in mixtures with timothy and other grasses, where it improves the hay and increases the yield. Sow 6 to 10 pounds per acre in the spring. **1 lb. 60c, post paid.**

Bur Clover

There are two kinds of bur clover, (1) spotted or Southern bur, known as bur clover in the burr and (2) California. We recommend the first for the South. It will succeed in all kinds of soil, but loams are most suitable. Sow in the fall and it will grow in the winter and spring, maturing in summer. Use 10-20 pounds per acre. On account of hard seeds and burr protection, it is hard to get a stand the first year. It is utilized as pasture for hogs, cattle, sheep and poultry and in rotation with cotton, greatly increases the yield. Be sure to get Farmers' Bulletin 693. **1 lb. 30c, post paid.**

SEE SPECIAL LIST FOR QUANTITY PRICES.

SCHWILL'S GRASS MIXTURES FOR THE SOUTH

“GROW YOUR OWN FEED

Or Quit the Dairy Game”

YOU can't make money out of dairying if you buy your feed. You have to grow it. That statement stands unchallenged today—after a real trial and experiment in the South.

If you haul in a load of milk and haul back a load of feed you have swapped dollars, but you haven't gotten anywhere. What, then, is the solution to your problem? There's only one—a pasture.

But, pastures don't spring up over night. They must be planned with the same care and attention that you devote to the new house, or the barn, or the pump. If you build a new fence around a certain plot of ground you may think you have made a pasture thereby. But, you are just fooling yourself. You still have the same old plot of ground—with a new fence around it.

Dr. E. R. Lloyd's Pasture Mixtures

Your pasture isn't expensive; it's productive. It furnishes the power for the entire dairy. And the herd will be good or bad, profitable or costly, in the same ratio that your pasture is good or bad.

Plant, then, accordingly.

“Weeds grow wild, but you'll have to plant the grasses and clovers.” So says Dr. E. R. Lloyd, for years Director of the Farm Service Department of the Memphis Chamber of Commerce and known to every farmer in the Tri-States.

Incidentally Dr. Lloyd has his own dairy at Starkville, Miss., and knows—from experience—what he's talking about.

“Grow your own roughage and buy your concentrates,” he advises. “Otherwise get out of the game and get out quickly. Bear in mind that the soil won't produce more than you put in it and if you want a serviceable pasture you must plant the right kind of seed and put down plenty of it.”

Mixtures to Suit Your Soil

It is a well known fact that different types of soil require different kinds of mixtures. So, Dr. Lloyd has prepared four different formulas, suitable for four different soil conditions. They are—

No. 1—For the light sandy soils.
No. 2—For the medium clay soils, deficient in lime.
No. 3—For the wetter lands.
No. 4—For the lime lands.

We recommend 20 pounds of seed per acre, planted in a well prepared bed. Please order by number, and quantity prices will be found on page 90.

Other Grass Mixtures

Permanent Meadow Grass Mixture

A combination of all the best cultivated grasses that will furnish hay all during the spring and summer months. Sow in spring or fall, using 20 pounds to the acre. **1 lb. 35c, post paid.**

Permanent Pasture Grass Mixture

Furnishes pasture from early spring through the winter. Suitable for most soils. Sow in spring or fall, 20 pounds to the acre.

This is the mixture used by Southern planters who expect to graze their stock. Combines the various grasses necessary to insure satisfaction and to produce a pasture when most needed. **1 lb. 35c, post paid.**

Permanent Hog Pasture Mixture

A combination of mixed clover and best grass suitable for hog pasturage, and if taken care of will last a number of years. Composed largely of red clover and orchard grass. Sow in early spring or fall, at rate of 15 pounds to the acre. **1 lb. 35c, post paid.**

Timothy and Alsike Mixture

Suitable mixture for low, wet lands, furnishing good pasture and hay. Sow in early spring and fall, using 15 pounds of the mixed seed per acre. **1 lb. 40c, post paid.**

Johnson Grass

A most prolific perennial hay and pasture grass, eminently suitable to hot dry climate and soil. It makes excellent hay and furnishes an enormous amount of grazing. No drouth, methods of culture or application of chemicals to eradicate it will destroy it when once sown. Therefore, we do not recommend it for any land which is intended in future years for other crops. The best time for cutting is before the heads appear, as, if allowed to ripen, it becomes unfit for stock. Sow in March or April, 1 to 1½ bushels per acre. **1 lb. 30c, post paid.**

Redtop or Herds Grass

Succeeds better on more soils than any other grass and in all sections of the United States. Grows slowly but becomes very vigorous later and spreads rapidly into a compact sod. Suitable to stiff soils and in low situations subject to overflow, producing luxuriant growth, attaining a height of 3 to 3½ feet. For the best quality hay it should be cut when in bloom; ripens about the same as Timothy. Sow 12 pounds per acre. **1 lb. 50c, post paid.**

PASTURE GRASSES AND HAY

Field of Sudan Grass

Sudan Grass—The South's Greatest Emergency Hay Crop

Sudan Grass is grown for hay and summer pasture. It is so named because it was obtained from the Sudan government in Khartum, when a systematic search was made for a form of Johnson grass without root-stalks. It will produce more hay per acre than any other grass grown in the South and it will do it quicker. It may be sown any time from April to late August and will make heavy yields of hay, seed or pasture. On ordinary land it will yield two to six tons of hay in one season, from two to three cuttings.

Sudan Grass is strictly an annual, growing to a height of 3 to 5 feet in drilled seedings and 5 to 8 feet in cultivated rows. Drilled seedings are preferred for hay. It requires a warm climate and is of most value as an emergency hay crop. The best time to cut it for hay is when the heads are in full bloom. This hay is equal in value to timothy, millet or Johnson Grass. Experiments have shown Sudan Grass to be an excellent roughage for work animals and stock cattle and only slightly less valuable than alfalfa hay for milk cows. (Farmers' Bulletin 1126).

Sudan Grass is not exacting as to soil. It does best in rich loam, but has been successful on every class of land, from a heavy clay to a light sand. Sow in a firm seed bed, after the soil has become warm, usually two weeks after corn-planting time. Use 20-25 pounds of seed per acre. **1 lb. 25c, post paid.**

Carpet Grass (Paspalum Platycaule)

Carpet Grass grows tenaciously in any soil; is excellent for lawns or pasture purposes on the Gulf Coast and all sandy lands, and even clay uplands. Stools heavily and is green all year in lower Gulf States. Planted from November to March, 10 lbs. per acre.

Carpet Grass is the equal of Bermuda in feeding value and may be grazed earlier in the spring and later in the fall. It is so satisfactory as a pasture grass because it thrives on close grazing and heavy trampling. An excellent mixture is made with Japan Clover and Burr Clover as the other ingredients.

Because it withstands punishment it is also used in all parks and golf courses in the Gulf region. **1 lb. 50c, post paid. Write for quantity prices.**

Kentucky Blue Grass

This famous grass is well known in all sections and, where the land is suitable, is one of the most profitable of all for pasture. It grows well on any stiff or loamy soils in central and northern states if rich, moist, and moderately well drained, and succeeds fairly well in some sections of the South, where lime is present in the soil, being largely used with Bermuda Grass. Kentucky Blue Grass is at its best in the spring and fall months, but being rather sensitive to heat, does not grow luxuriously during the summer months. It takes a considerable time to get a good stand of this, as it grows very slowly at the start; when once established, forms a close, compact turf, making a fine pasture; also fine for lawns. **1 lb. 50c, post paid. Write for quantity prices.**

Orchard Grass

This is one of the very best grasses for upland, loamy or moderately stiff soils, affording a large amount of pasturage as well as making excellent hay if cut when in bloom. It grows about 3 feet high and matures much earlier than Timothy, does not exhaust the soil and will produce 2 to 3 tons per acre of fine hay. Having a tendency to grow in clumps, it does better if sown thickly, 1½ to 2 bushels being the amount usually sown. It does especially well if used with other grasses. **1 lb. 50c, post paid.**

Dallis Grass (Paspalum Dilatatum)

In the far South paspalum makes an all-the-year-round grazing and hay grass, but is recommended for growing throughout the cotton sections where it may be cut twice a season, making excellent green feed and hay; stands close grazing and is not injured by moderate frosts. It is hardy and thrives on a wide variety of soils except those that are very dry and sandy, but prefers a fairly heavy and somewhat moist situation. It is a perennial, growing 3 to 5 feet high; has a long growing season, starting early in the spring and remaining green till frost. Sow from the middle of March till the middle of April; farther South it may be sown earlier; sow 6 to 8 pounds to the acre. **1 lb. 50c, post paid. Write for quantity prices.**

Mixed Grasses Best for Pastures

A mixture of grasses always yields a better crop than a single variety. And the wider the variety in the mixture the thicker will be the stand and the more prolonged will be the growth.

Mixtures insure a succession of green from spring to fall and also protect you against the failure of any one grass. That means better grazing.

TIMOTHY, BERMUDA AND OTHER GRASSES

Timothy

Timothy is adapted to a cool and humid climate rather than to one which is hot or dry. It is the grass generally grown for hay and either alone or in mixture with clover it constitutes the hay sold on the market for horses. Timothy is usually seeded with some grain as a nurse crop. Winter wheat and rye are preferred. Seeded alone in late August or September it will produce a crop of clear timothy hay the following season. Use 12-15 pounds per acre. Write for Farmers' Bulletin 990. **1 lb. 25c, post paid.**

Schwill's Recleaned Timothy Seed

Canadian Blue Grass

A flat-stalked meadow grass. Grows a foot or more high. Recommended for horses, cows and sheep. Thrives well on clay; sow 30 pounds per acre. **1 lb. 40c, post paid.**

Tall Meadow Oat Grass

Desirable for permanent pasture and meadows, because of its early growth, also from the fact that it produces a heavy growth after being mown, and lasts several years. It grows wherever Orchard Grass will. 1 **lb. 45c, post paid.**

Lespedeza or Japan Clover

INOCULATE
This Seed

Lespedeza (Lespedeza Striata), known also as Japan clover, is one of the most valuable forage plants in the South. It will thrive in open woodlands, on the poorest of upland hills, along roadsides and in other waste places. And although it is an annual, it produces enough seed to reseed roadsides and in other waste places. And although it is an annual, it produces enough seed to reseed itself. Being a legume, it is valuable for soil improvement. Another use is as a constituent in permanent pastures with Bermuda and Carpet grass.

It should be seeded in a well prepared bed and should not be covered more than a quarter of an inch. Otherwise it will not come to a full stand. It may be threshed from the hay with a grain thresher or collected in a seed pan attached to the cutter bar of the mowing machine.

Fresh seed germinate well, whereas only 50 per cent of two-year-old seed will germinate. Seed three years old should not be planted.

Two tons to the acre is about an average yield on good soil, but four tons is not unusual.

Lespedeza will not take the place of alfalfa and the clovers. At the same time it will supplement them and will come into a field naturally, whereas the others will not.

Lespedeza is sown in the early spring at the rate of 25 pounds of seed to the acre. (Write Department of Agriculture, Washington, D. C., for Farmers' Bulletin 1143). **1 lb. 35c, post paid.**

Mammoth Lespedeza

Two new varieties of Mammoth Lespedeza are now available—Korean and Kobe. They grow to a foot and a half in height. Tennessee 76 is another type, but it is still more or less in the experimental stage.

Usually 400-500 pounds of seed per acre may be expected from a broadcast stand and two tons and more of hay per acre is the average yield.

Korean and Kobe differ in that the former is two to three weeks earlier beginning growth in the spring and maturing in the fall. Consequently Korean has a farther range of growth and reseeding to the north than Kobe and Kobe has a longer grazing period in the South. Kobe yields more hay but less seed than Korean.

Sow 15 pounds of seed of either variety per acre.

Write for prices.

Bermuda Grass

Very popular and a great boon in the South for pasture; once established no amount of drouth or hot weather will kill it out; succeeds on nearly all soils, furnishing a constant growth of grass during the summer, but becomes brown and bare in the fall and winter; cannot be recommended too highly for pasture and general culture in the South, and it is also excellent for summer lawns. Its strong, creeping roots will absolutely prevent wash. Sow 6 pounds per acre. 1 lb. 60c, post paid.

Rye Grass

A valuable grass for moist soils, making a rapid growth, used either alone or in mixture with other grasses for hay. If sown alone use 2 to 3 bushels per acre; if with red clover, ½ to 1 bushel per acre. There are two varieties—the Italian is annual and the English is perennial. **1 lb. 30c, post paid.**

SCHWILL'S PEANUTS AND VELVET BEANS

PEANUTS

In the last ten years the peanut crop has become a recognized money-maker with thousands of acres under cultivation both for hog feeding and for sale direct to oil mills for the manufacture of peanut oil and meal. Every part of the peanut crop is of use. Therefore, it should become a regular crop with Southern farmers. The tops make fine hay and the nuts are valuable either for feed or for sale. Oil mills, as a rule, will contract in advance for your entire crop.

Do not forget, either, that the peanut is a leguminous plant that draws that most costly element of plant food—nitrogen—from the air and deposits it in your soil.

One and a half bushels of unshelled nuts will seed an acre. Prepare the ground well, laying off in rows with a shovel plow and put two kernels to the hill, about one foot distance between the hills. Cultivate thoroughly and keep the land as level as possible.

Schwill's Velvet Beans

Velvet Beans make an enormous growth of vines; greater, in fact, than any other known forage plant, in the same length of time, surpassing even the cowpea. Velvet Beans are usually planted in rows 4 to 5 feet apart, at the rate of about half a bushel per acre. As a soil improver they are considered superior to cowpeas, as they make larger growth and heavier foliage. In the South these beans are generally grown in with the corn. The corn is planted in rows five feet apart, and the corn about three feet apart in the row. The beans are planted in the drill between the corn. At the last working of the corn beans are planted again in the middles between the rows of corn. When the corn is dry, it is pulled from the stalk and the cattle afterward turned in to graze in the Velvet Bean and corn field. It furnishes nutritious and valuable food for cattle, and furnishes the cheapest method of fattening cattle known. At the same time the roots and what is left of the vines after the cattle are taken off, make a good soil improver when turned under.

Early Bird Speckled

This early speckled Velvet Bean is a variety that matures in 90 to 100 days, and can be grown in almost any part of the South. The Early Bird Bean may be planted in April or May, in the drill with corn, or in rows close to corn, preferably after a rain, with shallow cover. The cultivation of the corn does the rest. The beans will begin to mature in July and will about have finished maturing October 1st, or before frost in any section of the Southern states. **1 qt. 30c, post paid.**

Osceola

This Velvet Bean has several advantages over the early speckled varieties. It is free from the stinging fuzz or velvet on the pods, which makes the other variety very unpleasant to handle. It has larger beans and pods, making them less expensive to gather, and is also much earlier than most of the other beans. It is two weeks earlier than the 100-day. Commences to get ripe about September 1st, and is largely ripened by September 15th. Will make 25 per cent more beans than the 100-day. Blooms mostly purple. **1 qt. 35c, post paid.**

White Spanish

The best variety for a forage and fattening crop in the South. An early, heavy bearer; bushes growing close, so is very easily cultivated. Grains or nuts are smaller, skins of creamy white color, much sweeter and finer flavored and much more free from "pops" than the larger sorts. Under ordinary conditions it will mature in ninety days and can be planted during March and April. Two crops can be made in one year, the second crop being planted early in July. This variety properly handled will produce 60 bushels of peanuts and a ton of hay to the acre. **1 lb. 30c, post paid.**

Tennessee Long Red

This variety is grown most successfully in the South, as it is adapted to the black, waxy land as well as the sandy soil. It is probably the richest and best flavored peanut that grows and is valuable for eating, either raw or parched. The pods are large, close and well fitting, containing three to four nuts or kernels with red skins in each pod. It is very productive and splendid for commercial purposes. We offer recleaned seed of the best quality. **1 lb. 30c, post paid.**

Mammoth White Virginia

Large size pods; best variety for commercial use. **1 lb. 30c, post paid.**

Valencia Peanuts

Also known as the Red Spanish. It is a trifle longer and larger than the White Spanish, similar otherwise. Skin dark red, and on account of having 3 and 4 to the pod, and being prolific, is highly prized. **1 lb. 35c, post paid.**

We Will Buy Your Peanuts

Owing to the large volume of peanuts handled we are usually in the market for more. Send us samples and prices.

SEE SPECIAL LIST FOR QUANTITY PRICES.

SCHWILL'S HIGH BRED COTTON SEED

Bale-to-an-Acre
COTTON

For years staple producers longed for early, big bolled, high lint percentage varieties. In 1913 Express was made available and in 1920 Delfos. But, the Delta Experiment Station was still not satisfied. The staff realized what a difference it would make if both the boll size and the lint percentage could be increased and the other good features of Delfos retained. From the search came the cottons Missdel, meaning Mississippi Delta.

Missdel No. 2

The 6102 selection is Missdel No. 2. It has all of the production features of its mother plant in addition to its high lint percentage. The limbs of this strain carry their length extremely well toward the top of the plant, making it a very productive cotton; in fact Missdel No. 2 is the most productive cotton available to Delta planters. The lint length has averaged 1⅛ inches full.

D. & P. L. No. 4

From Scott south through the lower belt D. & P. L. No. 4 is forging rapidly to the front. Because of its present popularity and its "sales appeal" there are many ardent supporters who claim it will be the dominant variety of the world in five years. As the name suggests it is a product of the experiment station of the Delta & Pine Land Company at Scott, Miss., the largest cotton plantation in the world.

It is an outstanding big boll type; early, wilt resistant, storm-proof, five-lock, medium foliage, full inch to inch and an eighth staple, ginning 36 to 42% lint.

Delfos 6102

Planters, who expect speedy maturity, abundance in yield and excellence of quality, are still faithful to Delfos 6102. They find that it more closely approaches the ideal type than does any other variety with which they have experimented.

Delfos produces a plant not more than four feet high even on the best Delta lands, and sets its fruit early on numerous lateral branches, beginning close to the ground. It is very short jointed and will invariably produce a boll at each joint. The foliage is very light, resembling the willow leaf butter bean; will mature in 100 days, and gives out 31 to 33 1/3 per cent lint. Staple is 1 3/16 inches.

Missdel No. 1

Missdel No. 1 is a selection from a field of Delfos 631. Had it been a late cotton it would have been eliminated. Its extremely large bolls and high lint percentage combined with good staple length and good yields are its strong points. The bolls are as large as those of any commercial variety. The boll stems are reasonably long and the bolls turn down well enough to combine with its other qualities and make it a very storm resistant cotton.

Delfos 911

This is the highest type in the Delfos family, bred from the original 6102 strain. But, it has all the "modern improvements." Delfos 911 has larger bolls than 6102, pulls a slightly longer staple and is much easier picked. This is a feature in itself as the small boll of 6102 always has been the cause of worry.

Our seed is from a reliable source and is pure.

Delfos 631

Intended for lighter soils than 6102 and, therefore, suited for good upland and light buckshot. Makes a larger boll than 6102; is easy to pick; very prolific; grows a large plant; nearly thirds itself and has a normal staple of 1 3/16 inches. In some cases it will go to 1¼ inches and is so white and attractive that it always brings a premium.

Acala 5

An extra early cotton with a large, storm-proof boll; easily picked and has a staple of 1 1/8 inches. Its light foliage permits the sun to penetrate to all its branches and it has a remarkable outturn of 37-40 per cent. Extremely popular in Arkansas and Southeast Missouri.

Originated in the West, but is now a standard in our locality.

SCHWILL'S SELECTED COTTON SEED

Cotton Picking on a Southern Farm

Station Trice 27-241

A great favorite in Mississippi as an early cotton. Has an enviable record at the Mississippi Experiment Station, and is growing in favor yearly. On good land it pulls a staple of 1 1/8 inches; has medium boll; average size plant and light foliage. Especially recommended for weevil sections because of early fruiting. Outturn about 32 per cent.

Wannamaker Cleveland

This is probably the best known of all the early maturing short cottons on the market today. It has not quite so big a boll as the original Cleveland nor quite so long a staple; however, it classes as a big boll type and staple runs from 1 inch to 1 1/16 inches in length. It combines the three most desirable characteristics in a cotton for boll weevil conditions and elsewhere—extreme earliness of maturity, extra large lint outturn at gin, and prolific yield in the field. It comes nearer thriving under any and all conditions than any other variety we know of, and is recommended by the different Experiment Stations for both hill and valley lands. Seeds are straight, brownish color, bolls are large, plants uniform, foliage medium, lint percentage 39, staple 1 to 1 1/16 inches.

King's Early Improved

A very early, small boll, short staple, small seeded variety, matures two weeks earlier than any other sort and nearly always thirds itself. On account of its extreme earliness it is largely planted in the boll weevil infected sections, as it matures most of its crop before the weevil makes its appearance; lint turn-out 36 per cent. The best we can recommend for replanting.

Half and Half

This is a very low type of cotton, despised by many, but always a standard favorite for poor or average soil. Our seed is genuine and comes direct from the heart of the Half and Half belt.

On fertile land, with good seasons, its lint will run nearly 50 per cent. Hence, its name. It is earlier than King's and stands drouth better than the average varieties. Half and Half is of medium boll, prolific, and the staple is about 1 inch or less.

Simpkins Prolific

This is an early cotton for boll weevil lands. A selection from King's and just as fast. Resembles King's very much in growth and shape. This does not show, however, except a small percentage of red spot in the bloom. This cotton has been advertised by a number as being ten days earlier than King's. This is wholly untrue and unjust to buyers. King's and Simpkins open at the same time. We have quite a number of growers who claim the superiority of Simpkins because it is more prolific than all early varieties.

Mebane Early Triumph

For years there has been an increasing demand for a tough-fibre cotton of medium staple—something between the ordinary short varieties and long staples. Mebane Triumph is ideal in this respect; pulls from 1 1/16 to 1 1/8 inches, has a strong, tough fibre, storm-proof and makes a good "bender" cotton. Extra large boll, easy to pick, drouth resistant, lint out-turn at gin 37 to 39 per cent, and one of the earliest of the extra big boll cottons.

Cotton Seed Prices on Page 90

A Perfect Cotton Boll

SCHWILL'S FAMOUS MILLET

Millet makes a large-yielding and nutritious hay crop, quick-growing and easily cured. It, however, requires to be seeded thickly—not less than 1 bushel (50 lbs.) per acre, and the crop should always be cut while in bloom, before seed hardens in the head. If the seed is allowed to form, the stalks get hard and it does not make nearly as good hay, and at the same time is more exhaustive to the land. Can be sown any time from the middle of April to the end of July. Do not sow too early.

TENNESSEE GOLDEN

(Grown in Tennessee)

This is the select type for which Otto Schwill & Co. is famous. And our patrons are scattered throughout the land. They realize that the crop is limited each year and that they can not buy Tennessee-grown seed in the west—although many seed houses deliver Western-grown seed for the native Tennessee. So, they buy from us direct, just as they have been doing for many years.

This Tennessee Golden formerly was sold under the name of Tennessee Cultivated German millet and produces a heavier and finer hay than any other variety. We deliver it true to type. **1 lb. 25c, post paid.**

Western Golden Millet

This variety is very similar to the Tennessee Golden; however, it does not produce quite as much hay, and the heads are not quite so large. **1 lb. 20c, post paid.**

Japanese, or Barnyard Millet

This is a forage plant of great value, growing in most any soil. It has been known to produce 3 to 5 tons of fodder if planted early. After second cutting it will afford a pasturage all the fall. It is relished by all stock, and is sometimes called the Billion Dollar Grass. **1 lb. 30c, post paid.**

Pearl, or Cat Tail Millet

Makes a splendid quick-growing, continuous-cutting forage crop, either for green food or hay, and is fine for dairy cows. If sown broadcast, use 20 to 30 pounds to the acre, but quicker and more frequent cutting will be obtained if sown in drills 3 feet apart and cultivated occasionally, using 5 pounds of seed per acre. 1 lb. 25c; 5 lbs. 85c, post paid. Not prepaid. 1 lb. 15c; 5 lbs. 65c; 10 lbs. $1.30.

SEE PAGE 90 FOR QUANTITY PRICES.

Tennessee Golden Millet

SCHWILL'S FIELD BEANS

Mung Beans

Mung Bean

Wonderful bean for forage. Heavy seeder, grows well on light or clay soils, produces tremendous quantity of nitrogen nodules on its roots. Beans are excellent for table use. Matures in 90 to 100 days, a little earlier than speckled pea, but can be planted at any time and the same way as cow peas. Plant grows upright like soja bean, making it easy to cut with blade or machine. Leaves stay on stalk well while being handled. **1 lb. 40c, post paid.**

Castor Beans

(Ricinus or Castor Oil Bean). Plant like corn, in March and April; use ½ peck of seed to the acre in rows 4 feet apart; thin plants to 24 inches. The plant prefers a rich, well drained sandy or clay loam. **Pound $1.50, post paid.**

White Kidney

Easily grown. Plant and cultivate same as White Marrow Beans. A good, strong growing variety. It is much used for shelling when the pods turn yellow so the beans are well developed. **Qt. 55c, post paid.**

White Navy

Largely grown in many sections as a commercial bean. Vines are very prolific, producing a large quantity of shelled beans per acre. Cultivate same as Marrow Beans. **Qt. 55c, post paid.**

White Marrow

Planted in June or July, usually makes a very profitable crop to grow as shelled white beans for market. Plant in rows 3 feet apart, dropping 2 to 3 together, a foot apart in the rows. Cultivate early, as they grow rapidly, but do not work them while the dew is on the foliage. Do not cultivate after they begin to bloom. **Qt. 55c, post paid.**

Mexican Pinto

This is a popular bean in Mexico, and should be grown more largely here. As a table bean it is excellent, both as a dry and green shelled bean. This bean has found great favor wherever tried, especially in Texas. **Qt. 55c, post paid.**

SCHWILL'S SOJA OR SOY BEANS

Field of Soy Beans

INOCULATE This Seed

The soy bean is an annual leguminous plant used in the South for hay, improvement of the soil and as a commercial product for oil, canning and meal. Climatic adaptations are the same as those of corn. It should be planted at that time, then. The hay is of excellent feeding quality and the yield is from 1 to 3 tons per acre.

Laredo

Laredos are heavier producers of seed per acre than cowpeas or other soys, and are surpassed in hay production by only the Otootan. They will grow anywhere in the South that cowpeas grow and they are less affected by rains and drouth. The plants are slender, erect and mature in about 140 days when planted early. From July planting they will mature seed in 100 days. The flowers are purple and white and the seed are black, numbering about 460,000 to the bushel. Does not make as much hay as Otootan, but the seed yield is from 15 to 25 bushels per acre. Plant 8-10 pounds in rows and 24-30 pounds broadcast. **1 lb. 25c; 2 lbs. (qt.) 40c, post paid.**

Mammoth Brown

J. E. Critz, the efficient county agent at Blytheville, Ark., is one of the best boosters in this section of the Mammoth Brown, also known as the Ohio. The plants are erect, prolific and mature in about 125 days. As a soil builder, for feeding mules and for "hogging off" it can't be beat, claims Mr. Critz. In addition it will not shatter out and this feature can not be overlooked. Plant 15 pounds per acre in corn and two bushels broadcast. **1 lb. 25c; 2 lbs. (qt.) 40c, post paid.**

Otootan

For late planting for hay no bean has been found to equal Otootan. The plants are slender, erect, bushy and mature in about 170 days when planted early. The flowers are purple and the seed black, numbering about 370,000 to the bushel. Experiments, conducted by C. A. Mooers, Director of the University of Tennessee Agricultural Station, Knoxville, Tenn., produced little Otootan seed, but an enormous yield of hay. He recommends Otootan above all others as a late hay crop. Plant 10-12 pounds in rows and 30-36 pounds broadcast. **1 lb. 40c; 2 lbs. (qt.) 60c, post paid.**

Virginia

This variety was as popular last season as ever before. The plants are slender, erect; the tips twining, maturing in about 125 days; pubescence tawny; flowers purple, 50 to 55 days to flower; pods tawny; seed olive; about 207,300 to the bushel. Earlier than Laredo, but will not produce as much seed or hay. Plant 15 pounds in rows and 36 to 40 pounds broadcast. **1 lb. 25c; 2 lbs. (qt.) 40c, post paid.**

Mammoth Yellow

Until a few years ago this was the most popular Southern soy bean and the standard late commercial variety. It yields well in grain and forage. Plants erect, coarse, maturing in about 145 days; flowers white; seeds straw yellow; about 129,000 to the bushel. Plant 30 pounds in rows and 90 pounds broadcast. **1 lb. 20c; 2 lbs. (qt.) 30c, post paid.**

Biloxi

This variety is characterized by its dense bushiness, leafiness and coarse, erect stems, growing from 4 to 6 feet high. It is adapted only to the lower part of the cotton belt, because of its long developing season. Is especially suited to the rice fields as a green manure and is valuable for forage and ensilage. Flowers purple; seeds deep brown, flat and medium large, about 112,000 to the bushel. Plant 15 pounds in rows, 45 pounds broadcast. **1 lb. 30c; 2 lbs. (qt.) 50c, post paid.**

SEE SPECIAL LIST FOR QUANTITY PRICES

SCHWILL'S RECLEANED COW PEAS

Field of Cow Peas on an Arkansas Farm

INOCULATE
This Seed

The Cow Pea is the most extensively grown leguminous crop in the South. The seed is commonly used for food, but the Cow Pea is grown mainly for forage and soil improvement. It succeeds on any type of well-drained soil, but does best on sandy loams. It should not be sown before corn-planting time and it is really best to wait until at least two weeks later. Makes best balanced ration when grown in combination with other crops, such as sorghum, Sudan grass, Johnson grass and millet. As a summer annual it is brought into competition with velvet beans and soybeans. Its advantage is that it succeeds better under varying conditions. It is excellent as a soil improver because it extracts nitrogen from the air and stores it in its roots. The quantity of seed to be sown per acre varies according to the size of the seed. With rows 24-40 inches apart, 30-45 pounds of seed will be required; when sown broadcast, from 75 to 120 pounds of seed. (Farmers' Bulletin 1148).

Whippoorwill

This is the most popular variety in the South and is known also as Shinney and Speckled. For general purposes it has a greater following than any other two combined. Plants are tall, sub-erect, half bushy, prolific; pods are held high, the first maturing in about 85 days. Seeds are brown and speckled. **Qt. 30c, post paid.**

New Era

Because of its earliness, New Era is especially valuable. **Seeds are small and a bushel of this variety will cover more** ground than any other, as a result. Produces more seed than Whippoorwill; plants are tall, erect, half bushy, the first maturing in about 75 days. Seeds are buff, evenly speckled with blue. **Qt. 30c, post paid.**

Black

This is a group name, also. It vines freely, but bears the pods too near the ground to harvest well with a mower. Excellent if grown in corn and fine for hog pasture. **Qt. 30c, post paid.**

Clay

Clay is really a group name, covering varieties with buff-colored seed, that are medium late in nature. In the South it is known as vining pea. Matures in 100 days or less, and is used principally for forage and soil improvement. **Qt. 30c, post paid.**

Unknown or Wonderful

This is in the Clay group, but is 10 days later in maturing. Grows large and vigorous. **Qt. 30c, post paid.**

Red Ripper

Red Ripper is a group name, like Clay. The red peas are not especially valuable, but vine freely and are used for soil improvement and forage as a result. **Qt. 30c, post paid.**

Mixed

As the name implies, this is a mixture of the popular varieties of bush and vining types. **Qt. 30c, post paid.**

SCHWILL'S WHITE TABLE PEAS

White table peas are growing in popularity in the Southern states. They are easy to grow, easy to buy and to sell, and the yield is surprisingly heavy. Cooked alone or in combination they make a fine dish for any table. Follow the culture for cow peas, as printed above.

Crowder Peas

This is the most popular of the table peas, and is better known by the more descriptive title, Sugar Crowder. It is in every Southern home and outsells anything we offer.

White Sugar Crowder The seeds are medium size, cream-white with prominent eye. **Qt. 50c, post paid.**

Brown Sugar Crowder This is known as the Cream Crowder in some parts. Seeds are irregular in shape. **Qt. 50c, post paid.**

California Large White Blackeye

Very large, kidney-shaped peas, maturing the earliest of all; fine for early market. **Qt. 40c, post paid.**

White Brown-Eyed

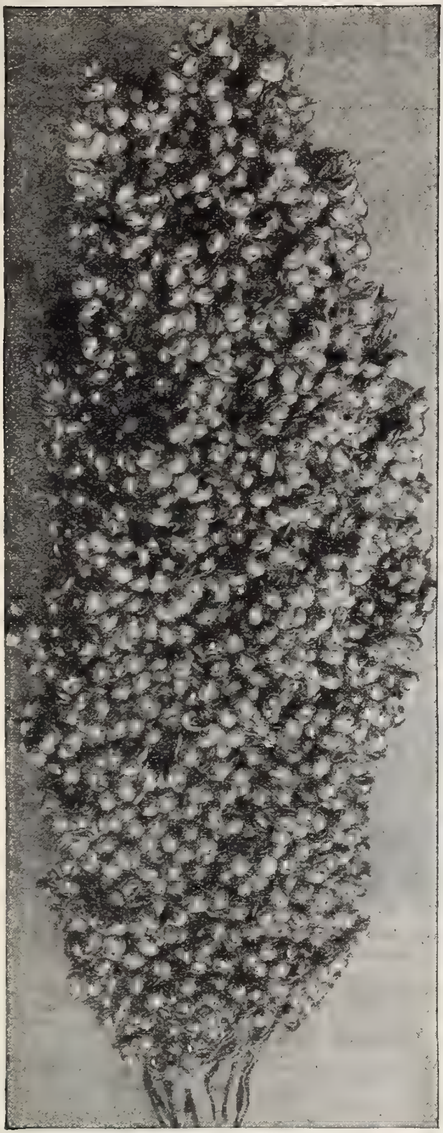
A desirable table pea. Prolific. **Qt. 50c, post paid.**

White Lady Peas

Very small seeded but strong growing and prolific pea for table use. Peas are creamy white and of the finest quality. **Qt. 60c, post paid.**

SEE SPECIAL LIST FOR **QUANTITY PRICES.**

RAPE, VETCH, KAFFIR AND MILO


Kaffir Corn

Kaffir Corn

A real popular fodder plant. Grows 5 to 6 feet high, making a straight, upright growth. The stem or stalk bears numerous wide leaves. The stalks keep green and are brittle and juicy, making excellent fodder, either green or dried. Sow 10 lbs. seed per acre, in drills; one bushel broadcast. Can supply either **Red or White Kaffir Corn. 1 lb. 20c, post paid.**

Feterita

A non-saccharine cane, a good forage crop for the South. Similar to Kaffir corn in general habit, but grows a little taller and produces larger heads. Its greatest value, however, is its known ability to resist drouth. Feterita should be planted any time from April to June, in rows about 4 feet apart when it will take about 3 lbs. of seed per acre. **1 lb. 20c, post paid.**

Yellow Milo Maize

This is a plant very similar in manner of growth to Kaffir Corn, but is preferred by many growers, who claim that it produces more grain per acre and better quality of forage than any of the non-saccharine sorghums. Sow same as Kaffir Corn. **1 lb. 20c, post paid.**

Sand, or Hairy Vetch

Sand, or Hairy Vetch (Vicia Villosa) has grown to tremendous popularity in the South for hay, winter cover and soil improvement. It has the undivided support of every up-to-date farmer and every experiment station director. These men know what it has done for them and what it can do for you.

Hairy Vetch is a winter annual, behaving like winter wheat. But, to get the best results it must have inoculation when it is sown on land for the first time. September is the best month for planting, but sowing may be done from August to November.

If sown alone use 50 pounds per acre. As a rule, however, it is best to sow with a small grain crop—oats, winter wheat, or rye. Use 20 pounds of vetch and a bushel of grain per acre.

INOCULATE
This Seed

Spring Vetch

Spring Vetch (Vicia Sativa) is better for spring sowing than Winter Vetch. It makes a large and quick growth and is another good soil improver. Plant 50 pounds per acre. **1 lb. 30c, post paid.**

Dwarf Essex Rape

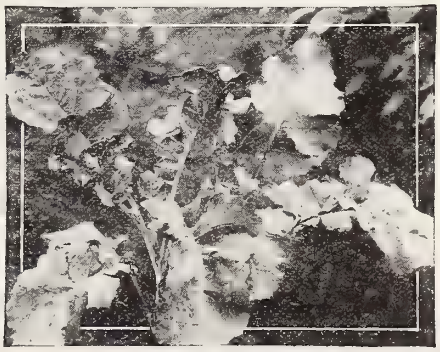
Dwarf Essex Rape has been termed the economical pasture crop for sheep, hogs, poultry and cattle. As such it is growing in popularity each year as our patrons realize its worth. Formerly it was raised chiefly for sheep and lambs.

The yield has been as high as ten tons of green forage per acre, and for fattening, it is claimed that it has a value double that of clover. Lambs, fed on rape alone, have shown a gain of 7 to 8 pounds per month on official test.

When sown in corn, at the last working, a fine crop can be grown at a cost of about $1.50 per acre and an acre of rape will pasture 20 hogs for two months. One of our rape admirers has said that "A hog never makes a real hog out of himself until he gets into a field of rape."

Stock should not be allowed in a rape field when they are too hungry, or when the rape is wet. Bloating sometimes results. Salt, also, should be handy.

Sow in the spring, as soon as the ground is ready and repeat in the fall for winter grazing. In 8 to 10 weeks it will attain maximum growth. If planted in drills, 18 to 24 inches apart, use 3 to 4 pounds per acre; if broadcast, 6 to 8 pounds. **1 lb. 25c; 5 lbs. $1.00, post paid.**


Dwarf Essex Rape

Hairy Vetch Seed Must Be Inoculated

When planted for the first time in any field Hairy Vetch seed must be inoculated. Otherwise the crop will be a flat failure. Inoculation is applied so easily that any man is foolhardy who refuses to use it. It isn't a luxury; it isn't a waste of money. It is an absolute necessity.

It will pay for itself five times over—yielding, therefore, interest at the rate of 500 per cent.

SAGRAIN AND SORGHUMS

SAGRAIN

South's Wonder Feed Crop

Sagrain, rightly called the wonder feed crop, is now on every Southern farm. It does well on all types of soil; thrives under the same adverse conditions as sorghum and produces six to seven tons per acre, one to two tons of which is grain. The grain is similar to that of the Kaffirs, which means it has 9/10 the feeding value of corn. In other words 10 bushels of Sagrain is equal to 9 bushels of corn as a stock feed. Sagrain can be fed to mules, cows, hogs and other animals and is relished by all.

Sagrain should be planted on well-prepared seed beds in three to three and a half foot rows, 8 to 10 seed per hill every 10 to 12 inches. A blank corn plate with 3/8 inch holes, properly spaced, will do the work. One bushel will plant 6 to 8 acres and the Sagrain should be thinned three to five stalks per hill. It matures in 70 to 75 days.

Sagrain is low and soy beans high in protein. A combination of the two will produce a well balanced ration. **1 lb. 25c, post paid.**

SORGHUM

Sorghum hay, when properly cured, has no equal as a roughage that is cheap and yet wholesome. The sorghums are generally supposed to have a very exhaustive effect on the land, but the idea is largely erroneous. As a matter of fact, they are no more exhaustive than any other crop, which produces an equal tonnage. The ill effects are due to the bad physical condition in which sorghum leaves the land. But, with reasonable rotation of crops and early plowing, sorghum can be grown with as little bad effect on the land as any other crop, except legumes. Sorghum needs a firm, well-settled seed bed for heavy yields. And the planting of sorghum deserves more careful attention than any other operation entering into the production of the crop. The time, method and rate of planting means success or failure in the degree in which judgment is shown. Plant as soon after corn as the soil is warm and up to August, 20 pounds to the acre in drills 3 feet apart, or 50 pounds broadcast. Write Department of Agriculture, Washington, D. C., for Farmers' Bulletin 458.

Early Amber Sorghum

This is the earliest maturing variety and, therefore, the most popular. Produces seed in 90-94 days. Stems are slender, tender, juicy and sweet, with open branching seed heads. Best for hay. **1 lb. 20c, post paid.**

Early Orange Sorghum

Largely used for hay and fodder. It is taller and has heavier stalks than the Early Amber. **1 lb. 20c, post paid.**

Japanese Honey Syrup Cane

Medium tall, but not an unusually coarse-growing type. Stems are leafy, juicy and sweet; the seed head is always erect, reddish in color and rather open. One of the best syrup-producing sorghums. **1 lb. 25c, post paid.**

Texas Seeded Ribbon Cane

This cane gets its name from being a variety that closely resembles the true Ribbon Cane raised from cuttings. Makes fine syrup. **1 lb. 25c, post paid.**

Red Top Sorghum

Grown extensively in Middle Tennessee. Very sweet and one of the best for hay. **1 lb. 25c, post paid.**

Shock of Sagrain on Branch Station Farm, Marianna, Ark. Photo, courtesy The Progressive Farmer.

SCHWILL'S BUCKWHEAT

Japanese Buckwheat

This is the best variety of buckwheat we can recommend. Sown the same day as Silver Hull, it will ripen later, but the yield will be almost double. The kernels are nearly twice the size of ordinary buckwheat and the plant is much stronger. Sow in April, May or June, 50 pounds to the acre. **1 lb. 25c, post paid.**

Silver Hull Buckwheat

The grain of this type is plump and silvery gray. Hence the name. The crop continues to bloom longer than common buckwheat and therefore is larger. Sow broadcast, 50 pounds to the acre. **1 lb. 25c, post paid.**

SCHWILL'S BROOM CORN

Broom corn needs a warm, sunny climate and can be grown in spite of light rainfall and drouth. The cultural requirements are practically the same as those of milo, kaffir and corn. The seed is usually sown about two weeks later than the average date of planting corn, as it will not germinate in cool soil. It may be surface-sown with an ordinary corn drill or listed with a lister drill. Five pounds will sow an acre, where the plants are six to eight inches apart in rows 3½ feet apart.

Dwarf Oklahoma Broom Corn

This variety grows only 3 or 4 feet high, and is much easier handled than the tall growing sorts. The brush is straight, smooth and of good quality. **1 lb. 25c, post paid.**

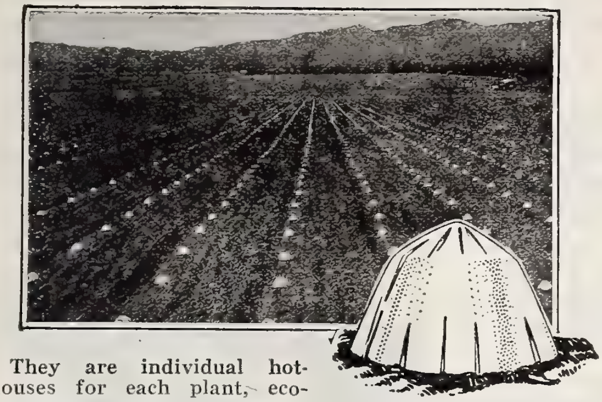
Imp. Evergreen Broom Corn

A favorite in all sections. Grows to a good length and, if cut at the proper time, retains a good color. **1 lb. 25c, post paid.**

QUANTITY PRICES ON PAGE 90.

BANDS, BASKETS AND PLANT AIDS

Germaco Hotkaps

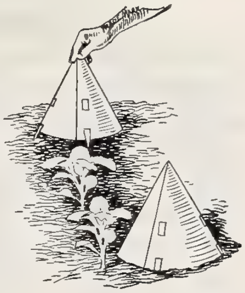


They are individual hothouses for each plant, economically priced; to insure against the crop hazards of frost, rain, wind and insects. Made of strong, durable, specially prepared waxed paper, light in weight, ready to use, easily ventilated. **Prices—100 for $2.00; 250 for $3.75; 500 for $6.50, post paid. Not prepaid, 100 for $1.75; 250 for $3.50; 500 for $6.00; 1,000 for $11.00, f. o. b. Memphis.**

Plant Bands or Paper Pots

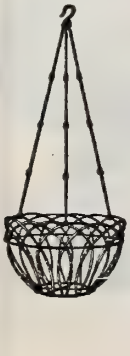
The simplest way to handle plants for transplanting is to grow them in our Ready-To-Use plant bands. Made without bottoms as they handle just as well and give the roots more room. Size 2x2 inches, 2½ inches deep. **Packed 250 to carton. Price, 100 for 60c; 250 for $1.25; 1,000 for $3.75. By parcel post, 100 for 70c; 250 for $1.40; 1,000 for $4.00, post paid.**

Frost Protectors



Made from black, shiny weatherproof paper and will last indefinitely. Cone shaped, 50 to package, with stakes for locking the edges and anchoring to the ground. Eliminates hurried hunt for tin cans and coverings. **Price, 12 for 60c; 25 for $1.10; 50 for $2.00; 100 for $3.75. By parcel post, 12 for 70c; 25 for $1.25; 50 for $2.25; 100 for $4.10, post paid.**

Wire Hanging Baskets



When lined with green sheet moss and filled with blooming plants they are attractive additions to the porch. Painted green and made in three sizes.

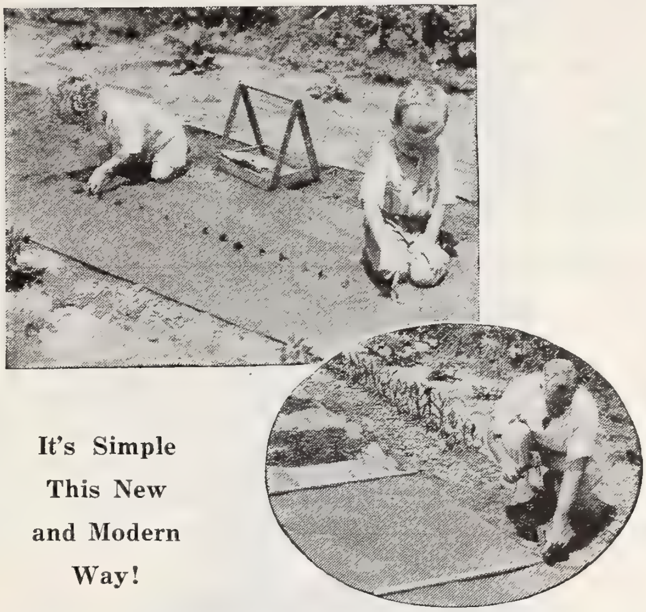
8-inch, each	$ .25
10-inch, each	.35
12-inch, each	.50

Post paid, 10c each extra.

Green Sheet Moss

For lining wire flower baskets. One pound is enough for two ordinary size baskets. **1 lb. 60c; by parcel post, 70c.**

Gator-Hide Mulch Paper



It's Simple This New and Modern Way!

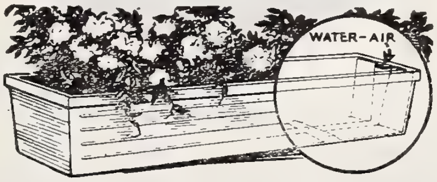
Just lay the paper over the prepared plant beds and, as one enthusiast put it, "sit back and watch your garden grow."

Gator-Hide Mulch Paper by raising the temperature of the soil and conserving the moisture in the soil, produces bigger, better, sturdier, earlier crops, and at the same time reduces the labor of weeding and cultivating to the absolute minimum. Weeds can't come up in soil that is covered by Gator-Hide.

PRICES

Type A (Light Weight)				Type B (Heavy Weight)			
Width	Length	Sq. Ft.	Per Roll	Width	Length	Sq. Ft.	Per Roll
18 in.	900 ft.	1350	**$3.50**	18 in.	450 ft.	675	**$3.50**
36 in.	900 ft.	2700	**7.00**	36 in.	450 ft.	1350	**7.00**

Flower Boxes



Very sturdy and attractive. Needs water only once a week. May be used any place. Finished in green.

24-inch	$1.50;	**post paid $1.65**
30-inch	1.85;	**post paid 2.00**
36-inch	2.60;	**post paid 2.80**
42-inch	3.50;	**express extra**

Universal Brackets

Designed for use with flower boxes shown above. Easily adjusted to any porch rail or window sill condition. **Each 60c; post paid 75c.**

Peat Moss

Used for mulching. Especially valuable in dry spells. Preserves moisture and prevents soil packing. **10 lbs. 65c; post paid 85c. Bale, about 140 lbs., $5.50, f. o. b. Memphis.**

NURSERY DEPARTMENT

All nursery stock, shipped by us, is certified by the Tennessee Bureau of Inspection and is healthy, clean and free of disease. As a rule shipments are dependent upon weather conditions, and you may expect eight days between the date of your order and the arrival of the stock. No orders are filled after April 1st, as trees are mostly leaved at that time and will seldom prove satisfactory.

Occasionally we find it necessary to make substitutions of varieties equally as good or better than that ordered. Have we your permission to do this in your case? If so please advise.

We can furnish what is commonly known as orchard trees, or trees of small size, about 2 to 3 ft., in Apples, Pears, Plums and Peaches in quantity lots, at a marked reduction. These trees will be tied in bunches of 10, and sold in multiples of 10 only. Peaches and Apples will be $15.00 per 100; less than 100, 20c each. Plums $20.00 per 100; less than 100, 25c each. Pears $30.00 per 100; less than 100, 35c each. Not less than 50 sold at these prices.

Read This First!

All prices in the nursery department are f.o.b. Memphis and terms are strictly cash. We will not ship trees or plants C. O. D. under any conditions, and we can not send trees by mail, as they are too large. When ordering please give your EXPRESS STATION in all instances. In the case of small berry plants please send 25c for postage, as they may be sent by mail.

Apple

Apples

2-year-old Trees	each $ .50;	10 for $4.50
3-year-old Trees	each .75;	10 for 7.00

Plant 30 feet apart each way.

SUMMER VARIETIES

Early Harvest—Fine yellow; ripens in June.

Horse—Large, yellow, fine for cooking; ripens in August.

Red June—Dark crimson, fine grain, moderately juicy; ripens in June or July.

Yellow Transparent—Large, clear, yellow, juicy; very early.

FALL AND WINTER VARIETIES

Yates' Mammoth—Richly striped; ripens in October.

Grimes Golden—Golden yellow, crisp, tender, juicy; Sept.

Winesap—Rich, dark red, flesh fine, creamy yellow; October.

Staymen Winesap—Similar to Winesap, better quality.

Delicious—Very large, oblong, rich crimson, shaded to yellow.

Apricots

Plant 16 feet apart each way. On account of their early blooming period, northern exposure is preferable.

Strong 2-year-old Trees .... each $ .75

Early Golden—Small, pale orange, juicy and sweet.

Royal—Of best quality, ripens early; very productive.

Cherries

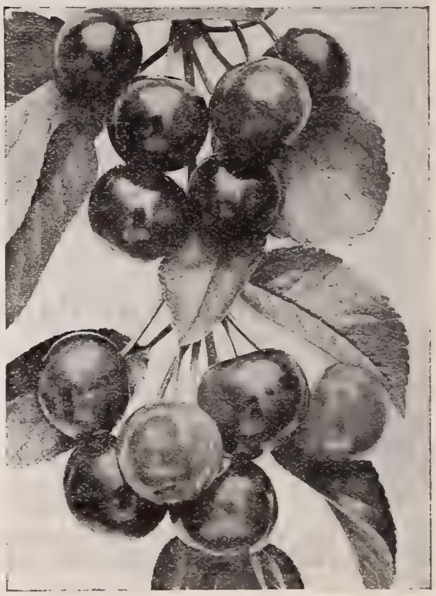
2-year-old Trees, each $0.75; 10 for $6.50.

Black Tartarian—Black, juicy; ripens last of June. Best sweet cherry.

Early Richmond—Ripens in May. Red, sour variety.

Large Montmorency—Follows Early Richmond. Red, sour; best for general planting.

They prefer an elevated position with good drainage; have few natural enemies, and require little care or pruning.


Cherry, Black Tartarian

Standard Pears

2-year-old Trees, first grade	each $ .75;	10 for $7.00
3-year-old Trees, extra fine	each .90;	10 for 8.00

Plant 25 feet apart each way.

Bartlett—Yellow, faint blush; ripens in August.

Keiffer — Golden yellow, tinged with red on one side, remarkably free from blight, ripens in September.

LeConte--Large, of fair quality; productive; ripens in August.

Seckel—Small, yellowish russet, with red cheek; ripens in August.

Pineapple— Practicallyblight proof, very valuable for the lower South and good to the Tennessee line. Ripens in September.

Pears

PEACHES, PECANS, PLUMS, QUINCES, FIGS

Peaches

2-year-old trees, first grade, each $0.50; 10 for $4.50.

Plant 20 feet apart each way. The most satisfactory fruit for the South, as it does well nearly everywhere. The varieties generally used in commercial planting are Early Rose, Carmen, Hiley, Belle of Georgia, Elberta and J. H. Hale. We list 14 of the best varieties in order of ripening for general home use. This list covers full season, and will give fruit from May until October:

Mayflower—(Freestone)—The earliest peach known; ripens May 10.

Early Rose—(Cling)—Valuable early peach. Free bearer, ripens about May 25.

Arp Beauty—(Free)—Yellow fleshed peach. Medium size; early June.

Greensboro—(Free)—Early, white fleshed variety. Should be in every home orchard; early June.

Carmen—(Free)—Fine freestone; June 15.

Early Elberta—(Free)—Extra large, yellow fleshed, of fine quality; June 20.

Hiley—(Free)—Large white, tinted red; good quality; July 15.

Belle of Georgia—(Free)—Large white, July 20. Good orchard and home market peach.

Chinese Cling—(Cling)—Creamy white; July 15. Best quality.

Elberta—(Free)—Very large, yellow, with red pit and yellow flesh. A good bearer, and an all-round good peach; August 15.

Indian, or Blood Cling—(Cling)—An old time variety, and a fine cling peach; late August.

J. H. Hale—(Free)—One-third larger than Elberta. Ripens a few days later.

Heath Cling—(Cling)—(White Heath.) Pale yellow; fine; ripens in September.

Krummels—(Free)—Large yellow, tinted red. The best late peach. Early September.

Wonderful—(Free)—Handsome and productive; ripens October 1.

Fig Bushes

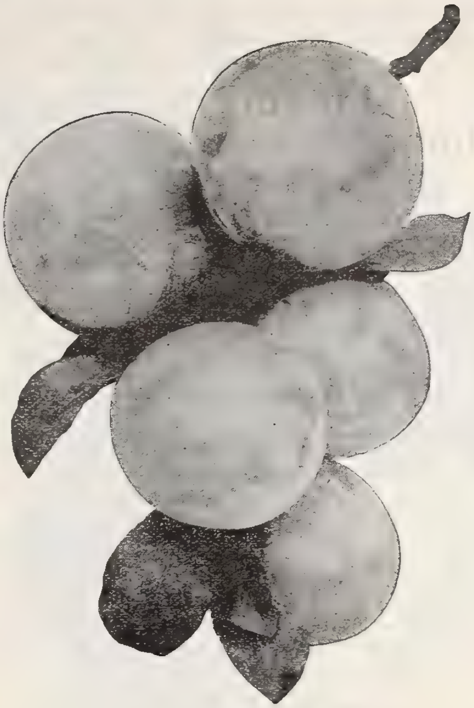
Price, either variety, 2-year-old trees. .each 85c; 10 for $7.50

Brown Turkey—Medium size, very sweet, prolific, hardy.

Celestial—Very large, violet, good and productive, hardy.

Mulberries

Hick's Everbearing—Produces immense crops; splendid for poultry and hogs. **Price, each $1.00; 10 for $9.00.**



Plums

Plums

2-year-old Trees....................each $ .75; 10 for $7.00

3-year-old Trees....................each .90; 10 for 8.00

Abundance—Large, sweet, juicy; very early, bright red.

Burbank—Large, clear, cherry red, very sweet.

Damson—Bluish purple, fine for cooking; ripens in Aug.

Red June—Purplish red, flesh yellow, solid, juicy.

Wild Goose—Very large and fine; ripens in June.

Wickson—Purple red, firm, sweet and juicy.

Abundance, Burbank and Wickson are fine table fruit. The others are excellent for preserving.

Quinces

Strong 2-year-old Trees..............each $ .75; 10 for $7.00

Plant 12 feet apart.

Orange or Apple—Large and handsome; tender, rich in flavor.

Chestnuts

3-year-old Trees ....each $1.00

Japanese—Rapid grower; bears early.

American Sweet—Popular, early bearing.

Grafted or Budded Pecan

The budded or grafted pecan will bear at six years of age, while the seedlings seldom commence to give fruit under ten years after planting. **Price, 2 to 3 feet, $1.00 each; 10 for $8.00; 4 to 5 feet, $1.25 each; 10 for $10.00.**

Stuart—This is the best pecan on the market. Grows to large size, with thin shell full of meat.

Schley—This is another large size nut, pointed, with thin shell and fine flavor.

Walnuts

3-year-old Trees ....each $1.00; 10 for $8.50

English—Does well in the Cotton Belt. Nuts of fine quality; well worth a trial.

Japan—Vigorous and a sure bearer.

American Black—The old standard for years. Well known.

Japanese Persimmons

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. We offer two of the best kinds, well adapted to this latitude. Price, 3 to 4 feet, each 75c.

SCHWILL'S QUALITY STRAWBERRY PLANTS

Plant in February, March, April and November, on good ground, deeply worked and well manured. Set in rows 3½ to 4 feet apart, 18 to 24 inches apart in the rows. Cultivate clean, mulch late in the fall and uncover early in the spring. Remove mulch after fruiting and spade in a light dressing of manure. You need 5,000 to 7,000 plants per acre.

MASTODON
Gigantic—Delicious—Everbearer

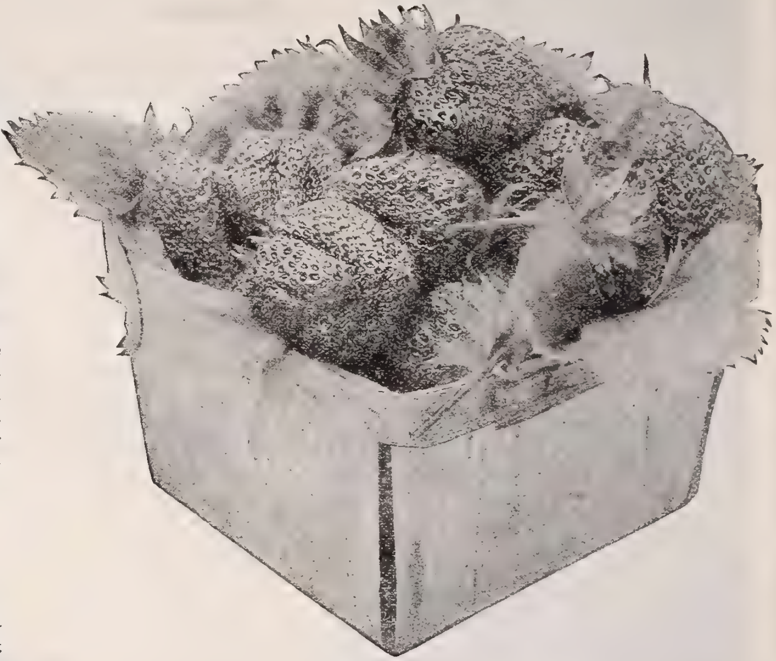
For your fall crop. Most productive of all everbearers and largest of any known variety. Eighteen fill a quart box. Mastodon berries are solid, firm and uniform throughout the season. Bears three crops within 18 months after planting. **Price—Post paid, 25 for $1.75; 100 for $3.75; 500 for $7.75. By express, not prepaid, 500 for $7.50; 1,000 for $13.95.**

Klondyke Strawberry

Klondyke is the most popular of all Southern varieties. Its fine quality, appearance and good shipping qualities give it this ability. Where one variety only is to be planted, we recommend this in preference to all others. It is showy, creates a fine impression, and its unusual firmness makes it an excellent shipper. It is uniform in size throughout the season. Klondyke lives when others are killed by frost.
Price—Post paid, 25 for 55c; 100 for $1.10; 500 for $3.50. By express, not prepaid, 500 for $3.00; 1,000 for $4.25; 5,000 for $16.95.

Gandy Strawberry

The best late variety; produces large, even, dark-crimson fruit; a splendid shipper. **Price—Post paid, 25 for 55c; 100 for $1.10; 500 for $3.50. By express, not prepaid, 500 for $3.25; 1,000 for $4.50; 5,000 for $17.95.**



Strawberries

Lady Corneille Strawberry

A very popular strawberry from Louisiana, ripens with Klondyke, but continues in bearing longer; berries large glossy red, slightly long, uniform in size and shape; rich, juicy, sweet and delicious. The plant is vigorous, with dark green leaves, and stands drouth better than any other variety. Lady Corneille is a better berry than Klondyke for shipping, being larger; darker in color, and carries well in transit. Flowers perfect, therefore will produce crop when planted alone. **Price, post paid, 25 for 55c; 100 for $1.10; 500 for $3.50. By express, not prepaid, 500 for $3.25; 1,000 for $4.50; 5,000 for $17.95.**

Raspberries

Aroma Strawberry

Very large, late-maturing; berries solid, deep-red, uniform in size; does well in this section; perfect blooming. **Price—Post paid, 25 for 55c; 100 for $1.10; 500 for $3.50. By express, not prepaid, 500 for $3.25; 1,000 for $4.50; 5,000 for $17.95.**

Lady Thompson Strawberry

Well known standard variety for home use; fruits large, slightly pointed, light red, but very sweet; perfect blooming. Price, post paid, 25 for 55c; 100 for $1.10; 500 for $3.50. By express, not prepaid, 500 for $3.00; 1,000 for $4.25; 5,000 for $16.95.

Superb Everbearing Strawberry

A good species, different from the ordinary strawberry, in that they bear in the fall. Their culture is almost as simple as the ordinary kinds. For full crop in autumn it is best to remove all blossoms until about the first or middle of July. In all other respects they should be given the same treatment as other varieties of strawberries. **Price. Superb Everbearing, as follows: Post paid, 25 for 90c; 50 for $1.40; 100 for $2.50; 500 for $6.75. By express, not prepaid, 500 for $6.00; 1,000 for $9.75.**

Note, Large Buyers of Strawberry Plants

We are in a position to quote attractive prices to quantity buyers. State number wanted and varieties and we will quote price promptly.

SMALL BERRIES AND GRAPES

Grapes

Strong 2-year-old vines. Price, each 35c; 10 for $3.00; 100 for $20.00; by express.

Concord—Large, black, juicy; sweet when ripe.

Delaware — Bunches small and compact; light red.

Lutie—Very early, large red.

Moore's Early—Large, black, earlier than Concord; fine.

Niagara—Berries large, sweet, greenish white.

Grapes will grow in almost any location that is well drained, and do particularly well on a stony soil. Should be pruned annually, January being the best time. Can be planted from October to April.

Scuppernong Grapes

Scuppernong Grapes—Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color, when full ripe; vine is free from all disease and attacks of insects. **2-year, each 75c; 10 for $6.00.**

Raspberries

Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. Cut the tops off within a few inches of the ground when planted. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

Cumberland—The largest black raspberry grown; immensely productive; quality fine; ripens very early. **Price, by express, each 15c; 10 for $1.00; 100 for $7.50.**

St. Regis Everbearing Raspberry—One of the greatest raspberries ever introduced. Plants of the St. Regis put out in the fall or early April gave ripe berries on the 20th of June. For four weeks thereafter the yield was heavy and the canes continued to produce ripe fruit without intermission until late October. The berries were large and beautiful, firm and full flavored, to the very last. The St. Regis is the only raspberry, as far as known, that is practically sure to produce a crop of fruit the season planted. **Price, by express, each 20c; 10 for $1.00; 100 for $8.50.**

Cuthbert—Fruit large, red, of excellent quality, yield very prolific; ripens middle of May, and continues for several weeks. Price, by express, each 15c; 10 for $1.00; 100 for $7.50.

Concord Grape

Van Fleet—A new raspberry, highly recommended as being a strong, vigorous grower and good bearer, and particularly desirable for Southern planting. **Price—each 20c; 10 for $1.50.**

Himalaya Giant Blackberry

Dewberries

Lucretia Dewberry—The berries are far larger and incomparably better than any blackberry, and of unequaled excellence; soft, sweet and luscious throughout; of brightest glossy black color. **Price, each 15c; 10 for $1.00; 100 for $9.00, by express.**

Blackberries

Plant in good soil, in rows 5 to 6 feet apart, and 3 to 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Himalaya Giant—A mammoth late blackberry, coming after the other berries are gone, ripens over a period of several weeks, making it especially desirable for family use. Fruit large, fine quality. **Price, each 15c; 10 for $1.25; 100 for $10.00, by express.**

Eldorado—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. **Price, each 15c; 10 for $1.25; 100 for $10.00, by express.**

Early Harvest—The earliest good blackberry, fruits well, of excellent quality. **Price, each 15c; 10 for $1.25; 100 for $10.00 by express.**

ORNAMENTAL SHRUBS AND EVERGREENS

Blooming Shrubs

Althea, white, pink and red; double and single varieties	each 50c;	10 for $4.00
Barberry, Japanese, a low and graceful shrub	each 50c;	10 for $4.00
Butterfly Bush, everblooming summer Lilac	each 50c;	10 for $4.50
Crepe Myrtle, pink, red, purple and white	each 75c;	10 for $6.00
Calycanthus, old-fashioned sweet shrub	each 75c;	10 for $6.00
Deutzia, three varieties, all good	each 50c;	10 for $4.50
Exorchorda, or Pearl Bush, large shrub, white	each 75c;	10 for $6.00
Forsythia, or Golden Bell, earliest spring bloomer	each 50c;	10 for $4.00
Globe Flower, or Double Kerria	each 75c;	10 for $6.00
Honeysuckle, bush, three varieties	each 50c;	10 for $4.00
Hydrangea, hardy (Hills of Snow) resembles snow ball	each 50c;	10 for $4.00
Hydrangea, hardy, Paniculata Grandiflora; white	each 75c;	10 for $6.00
Jasmine, Italian Yellow (Evergreen bush form)	each 75c;	10 for $6.00
Japanese Quince, or Fire Bush	each 60c;	10 for $5.00
Lilac, purple	each 60c;	10 for $5.00
Lilac, white	each 75c;	10 for $6.00
Philadelphus, or Mock Orange; sweet variety	each 50c;	10 for $4.50
Pomegranate, blooming	each 75c;	10 for $6.00
Snowball, American	each 75c;	10 for $6.00
Snowball, Japanese—a marked improvement over the old type, large	each $1.00;	10 for $8.50
Spirea, blue; splendid September bloomer	each 75c;	10 for $6.00
Spirea, Anthony Waterer, crimson dwarf	each 50c;	10 for $4.00
Spirea, Van Houttei, Weeping Bridal Wreath	each 40c;	10 for $3.50
Vitex, or Hemp Tree, fine, large shrub	each 75c;	10 for $6.00
Wiegela, white, red and pink	each 75c;	10 for $6.00
Schwill's Selection—contains ten of above varieties		$4.00

Spirea Van Houttei

Bush Roses

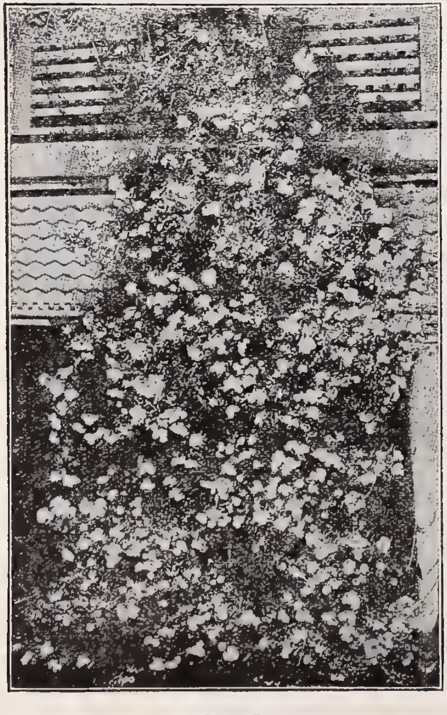
These are strong, field-grown plants, **75c each; $7.50 per dozen.** We have the following:

White—White Madame Cochet, Kaiserin Aug. Victoria and Frau Karl Druscki or White American Beauty.

Pink—Radiance, Pink Cochet, John L. K. Mock and Paul Neyron.

Red—Red Radiance, Francis Scott Key, Gruss and Teplitz, Ulrich Brunner and Mrs. B. R. Cant.

Yellow—Duchess of Wellington, Etoile de Lyon, Alexander Hill Gray and Duchess of Luxembourg.



Climbing Rose

Climbing Roses

Hardy, field-grown stock; two and three-year-old sizes, **75c each; $7.50 per doz.**

White—Silver Moon, white, with golden center, mildew proof.

Yellow—Yellow Rambler, Gardenia and Marechal Neil.

Pink—Dorothy Perkins, Lady Ashtown, Dr. Van Fleet, Emily Gray and Mary Wallace.

Red—Excelsa, an improved crimson rambler; American Beauty, the earliest; American Pillar, a magnificent pillar rose; Gruss and Teplitz, a vivid scarlet; Orleans, cherry red; Rienna Marie Henrietta; and Paul Scarlet, the best red in 25 years.

We also carry Cherokee and Moss roses at **75c each.**

Lawn Trees

Dig your hole large enough for the tree roots to spread out without cramping them. Hold the tree in one hand and work in moist, pulverized soil around the roots and then pour in a bucket of water. Fill with good soil and tramp down well.

Purple Leaf Plum, 6 to 8 ft.	$1.50 each	Dogwood, white flowering	$1.00 each
Red Bud, 6 ft.	$1.00 each	Weeping Willow, 6 to 8 ft.	$1.00 each
Mimosa tree	$1.50 each	Weeping Willow, 8 to 10 ft.	$1.50 each
Magnolia Grandiflora	$2.50 each	Lombardy Poplar, 8 to 10 ft.	$1.00 each

Shade Trees

We offer varieties, listed below, in three sizes:

4 to 6 ft., **$1.00 each.**
6 to 8 ft., **$1.50 each.**
8 to 10 ft., **$2.00 each.**

Prices on larger sizes mailed on request.

Alianthus, or Tree of Heaven.

White Ash, White Elm, Catalpa, Silver Maple.

Black Walnut, Tulip Poplar, Hackleberry.

Russian Mulberry, Maple, Chinaberry, Sycamore.

Here Is a Well Planted Lawn

ROSES, VINES AND EVERGREENS

Evergreens

Splendid specimens, all shipped in burlap, with enough of the original soil to insure successful growth. We have many others not listed below. If you are in the market for varieties not listed, write us for quotations.

Abelia Grandiflora, a continuous splendid blooming evergreen, **75c and $1.00 each.**

Arbor Vitaes, American type, bush, globe and pyramidal shapes, **$1.50 and $2.50 each.**

Arbor Vitaes, Oriental or Chinese; this type stands heat and drouth best; **$2.00 and $3.00 each.**

Box, the old-fashioned kind, 8 in. to 2 feet, **50c to $2.50 each.**

Cape Jessamine, fine, large plants, **$1.50 and $2.00 each.**

Cypress Japanese, green, golden and silver forms, all excellent growing plants with finely-colored and delicate foliage, **$2.00 to $3.00 each.**

Cedrus Deodora or Himalayan Cedar—a glorified Colorado Blue Spruce in color and many times more graceful. Best of all at home in our climate. There is nothing finer, **$4.00 and $5.00 each.**

Cedrus Libani or The Cedar of Lebanon—similar to the above, but more pyramidal in growth. A handsome evergreen, **$5.00 each.**

Euonymus, standard green form; one of the best evergreens for all situations, **50c, $1.00 and $2.00 each.**

Euonymus Patens or Sieboldi—probably the finest of the Euonymus family, a compact, graceful shrub, bearing a profusion of red seed pods, **$1.00 and $2.00 each.**

Junipers, Irish and English, both tall columnar evergreens of steely green for formal situations; **$2.00 and $2.50 each.**

Junipers, low-growing types; green and golden forms; fine for terraces, etc.; **$2.00 and $3.00 each.**

Nandina, beautiful plant; fits in any situation; turns red in winter; well berried shrub, in great demand. **$1.50 and $2.50 each.**

Norway Spruce, the Northern Christmas tree; good small plants. **$1.00 and $2.00 each.**

Attractive Evergreens

Privets

These are among the finest broad-leaved evergreens and should be used extensively as they have no enemies and have beautiful waxy foliage and purple berries in the fall.

Japanese—the tallest growing kind, reaching ultimate height of 12 feet; **$1.50 each.** Napalense—medium grower; **$2.00 each.** Lucidum—medium grower of more spreading habit; excellent; **$2.50 each.**

For Dry Places

Yucca or Bear Grass, a cactus-like plant; at home in dry places; large size; **$1.00 each.**

Evergreens for Porch and Window Boxes

We have an appealing lot of beautiful, small evergreens that can be used either permanently or during the winter in boxes and later for ferns or as annual blooming plants. They will add much to your home and should be used largely, as they give color in the season it is lacking. Among the best for this purpose are Euonymus, Japanese Cypress, Junipers, Nandinas, Box Cedars and Arbor Vitaes; **50c and $1.00 each,** according to size; **$5.00 and $10.00 per doz.**

Hedge Plants

Amoor River Privet, best of the privets for a formal hedge. Retains its color throughout the winter and is fast succeeding to the place formerly held by the California Privet. Does well under all situations, shade or sun. 25 for $2.50; 100 for $8.00.

California Privet, a fine hedge plant similar to above; prices same. Smaller plants of both, 100 for $6.00.

Japanese Barberry, an excellent plant for an informal hedge, brilliantly colored in fall. 25 for $5.00.

CAMPBELL
DES MOINES

Hedge Plants on Driveway

Vines

They are a necessary part of the home and can be used in many ways. They will cover the bare spots where grass will not grow; destroy unsightly objects; shade the porch and make the pergola.

Boston Ivy, the best clinging vine for rapid growth on brick or cement walls	50c and 75c
Clematis Paniculata (White Clematis), blooms in August, strong two year	.50
Clematis Jackmani, the large purple Clematis, a delicate vine of beautiful color	1.00
English Ivy, the well-known Evergreen Ivy, also a good ground cover	.50
Euonymus Radicans, a good Evergreen Climber	.75
Euonymus Radicans Variegata, a variegated form of the above	.75
Honeysuckle Coral, beautiful coral red flower	.50
Smilax, this is the well-known hardy Smilax or Jackson Vine	.75
Wistaria, Chinese and Japanese, white and purple, 3-yr. vines	1.00

"Most Reliable"

"I am still talking to my friends and telling them it is best for them to throw all their trade your way as you are the most reliable seed house I have ever traded with and they will find this so when they give you a trial."—W. J. COLVIN, Choctaw, Ark.

FERTILIZERS, GARDEN AND FIELD

PEP-A-LAWN

Schwill's Concentrated Plant Food

Read about this special plant food. It is made from our own formula, finely pulverized, easily applied, clean and without odor. In addition it is without filler. We intend it principally for lawns, but it may be used with startling success for flowers and shrubs. The analysis was determined after long experience in planting lawns in this area. It is not lopsided; it is not deficient in any essential. It is perfectly balanced for requirements of Southern soils, as follows: Nitrogen, 6%; available phosphoric acid, 8%; potash, 4%; filler, none.

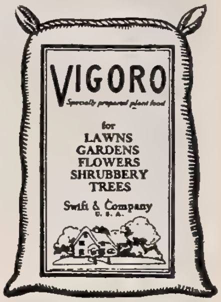
PRICES

5-lb. pkg.	50c	post paid 65c
25-lb. bag	$1.75	post paid $2.10
50-lb. bag	$3.00	express extra
100-lb. bag	$5.00	express extra

VIGORO
Specially prepared plant food
LAWNS
GARDENS
FLOWERS
SHRUBBERY
TREES
Swift & Company

Better Lawns—Better Vegetables—Better Flowers

Vigoro provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed or applied with an ordinary kitchen colander. Effective because it contains all of the elements of plant food required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. Complete directions in every bag.



VIGORO
Specially prepared plant food

5-lb. pkg.	50c	post paid 65c
25-lb. bag	$1.75	post paid $2.10
50-lb. bag	$3.00	express extra
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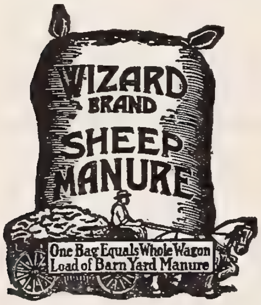

WIZARD
BRAND
SHEEP
MANURE
One Bag Equals Whole Wagon
Load of Barn Yard Manure

Wizard Brand Pulverized Sheep Manure

In making new lawns, pulverize the surface soil well and broadcast at the rate of 6 to 10 pounds per 100 square feet, raking well into the surface soil. Sow seed and roll.

For renovating old lawns, use 6 lbs. per 100 square feet and rake into the surface soil previous to sowing seed.

For garden planting, mix a small handful with the soil when planting each bulb and plant larger amounts for shrubs and trees.

For making potting soil, mix thoroughly one part of Sheep Manure with six parts of soil.

Liquid Manure—For house plants and window boxes—is made by mixing one pound of Sheep Manure in five gallons of water. Use twice weekly.

Prices—2 lbs. 25c; 5 lbs. 45c; 10 lbs. 75c, post paid. Not prepaid, 2 lbs. 15c; 5 lbs. 30c; 10 lbs. 50c; 25 lbs. 85c; 50 lbs. $1.35; 100 lbs. $2.50.

Floranid (Urea)

FLORANID
(UREA)
SNP

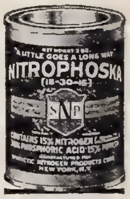
This is the strongest plant food known—very active, entirely soluble, containing 46 per cent nitrogen. When blossoms appear use Floranid in small quantities. It brings them to healthy maturity, gives bright color and puts a brilliant green into the leaves.

Junior size	**10c**	**post paid 15c**
1-lb. can	**50c**	**post paid 60c**
5-lb. can	**$1.50**	**post paid $1.75**

Nitrophoska

A complete fertilizer, highly concentrated and to be used sparingly. Ideal for general growth, having a composition of 15% nitrogen, 30% phosphoric acid, 15% potash. Used for greenhouses and potted plants; for flowers, vegetables, lawns and wherever plant food is needed.

Junior size	**10c**	**post paid 15c**
1-lb. can	**35c**	**post paid 45c**
5-lb. can	**$1.25**	**post paid $1.50**



Pure Bone Meal

Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, grapevines, roses, etc. When applying work well into the soil and do not allow it to touch the plant. Bone meal burns by contact. **Prices—4 lbs. 40c; 25 lbs. $1.80, post paid. Not prepaid, 4 lbs. 25c; 25 lbs. $1.25; 50 lbs. $2.00; bag (125 lbs) $4.40.**

Fertilizer Prices

Prices on this page are f. o. b. Memphis, unless otherwise stated. Don't think of a fertilizer as something thrown away. It's just like putting money in the bank. If you want to write a check on the bank you must first deposit some money, and if you want to get anythink from the soil you first must put in the fertilizer.

STIM-U-PLANT

STIM-U-PLANT
STIM-U-PLANT
Most Modern
Efficient and Scientific Method
of fertilizing Growing Plants

This highly concentrated fertilizer is clean, odorless, economical, easy to use in dry or liquid form, and it makes all plants grow vigorously and flower and fruit profusely. Very high analysis—11% nitrogen, 12% phosphoric acid, 15% potash—with no useless, wasted filler. You simply insert tablets in soil near plants or dissolve in water at rate of four tablets per gallon and apply as liquid manure.

PRICES

Small size, 30 tablets	**$ .25**
Medium size, 100 tablets	**.75**
Large size (pail), 1,000 tablets (enough for season's supply for medium-sized garden)	**3.50**

(Post Paid.)

SEED INOCULATION

The Best Inoculation
For All
Legume Seeds

NOBBE-HILTNER PROCESS
NITRAGIN
TRADE MARK REG'D. DEC. 5, 1898 NO. 32212

Means Better Crops
Better Soils
Less Fertilizer Expense

FOR ALFALFA, CLOVERS, PEAS, VETCH, SOY BEANS

THE ORIGINAL SOIL INOCULATOR with the Date and Germ Count on Every Can

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. Fresh, high count NITRAGIN, containing billions of nitrogen-gathering germs, builds up the soil.

PRICES

Alfalfa, All Clovers—Peas, Beans

Size	Inoculates	Price	Size	Inoculates	Price
¼ bu.	15 lbs. seed	$0.40	1 bu.	60 lbs. seed	$1.00
½ bu.	30 lbs. seed	.60	5 bu.	300 lbs. seed	4.75

Soy Beans and Cow Peas

(Note sizes carefully—not packed in smaller sizes)

1 bu.	60 lbs. seed	$0.40	5 bu.	300 lbs. seed	$1.50
2 bu.	120 lbs. seed	.70	10 bu.	600 lbs. seed	2.50

Austrian Winter Peas—Vetch

½ bu. size	$0.30	3½ bu. size	$1.40
1 bu. size	.50	5 bu. size	1.75

Garden Nitragin

Inoculates from 1 ounce to 8 lbs. seed. Price..............$0.25

IMPORTANT: When ordering NITRAGIN, always be sure to state what kind of legume seed you wish to inoculate.

Nitragin Has Served the American Farmer Since 1898

SCHWILL'S FIELD FERTILIZERS

Schwill's Corn Grower

Prepared to give increased yield on corn crop. Analysis: 12% phosphoric acid, 1.65% nitrogen, 2% potash. **Price, 5 lbs. 25c; 25 lbs. 75c; 100 lbs. $2.50; ton $40.00.**

Schwill's Cotton Grower

Especially recommended for cotton that needs plenty of potash. Just the thing for your worn-out soil. Will pay for itself in yield and in quality. Analysis: 15% phosphoric acid; 4.11% nitrogen; 5% potash. **Price, 5 lbs. 30c; 25 lbs. $1.20; 100 lbs. $3.50; ton $65.50.**

Schwill's Acid Phosphate, 16 Per Cent

Splendid for making compost or mixture. Used in ordinary soil to insure new life and satisfactory results. **Price, 5 lbs. 20c; 25 lbs. 50c; 100 lbs. $1.75; ton $29.75.**

Schwill's Superphosphate, 20 Per Cent

Something new; first offered last year. Shows 4% greater analysis than the phosphate you have been using. **Price, 5 lbs. 25c; 25 lbs. 55c; 100 lbs. $1.95; ton $36.00.**

Schwill's Truck Grower

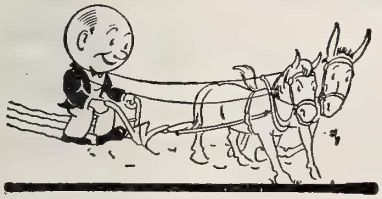
Made especially for vegetables and garden truck. Famous throughout the South. Analysis: 10% phosphoric acid, 3.3% nitrogen, 4% potash. **Price, 5 lbs. 25c; 25 lbs. $1.00; 100 lbs. $3.00; ton $50.00.**

200 lbs
Vegetable
FERTILIZER
from
OTTO SCHWILL & CO
MEMPHIS, TENN.

Nitrate of Soda

Nitrate of Soda has always been recognized by agricultural authorities as the Standard Nitrogen. It is profitably used by successful growers of all crops. Its nitrogen is all available immediately after application. It promotes strong, early growth, strengthens the plant through the growing season, aids early maturity and improves quality. Used liberally and wisely, it produces increased yields at reduced costs. **Prices—4 lbs. 40c; 10 lbs. 80c, post paid. Not prepaid, 4 lbs. 25c; 10 lbs. 55c; 25 lbs. $1.20; 50 lbs. $2.20; 100 lbs. $3.95. Write for Special Prices in Ton Lots.**

FERTILIZER PRICES ARE F. O. B. MEMPHIS.



Does Fertilizing Pay?

The West Tennessee Station reports that the average yield of cotton on its unfertilized plots for a period of four years was 948 pounds per acre. When 200 pounds of acid phosphate and 50 pounds of muriate of potash per acre and 100 pounds of Nitrate of Soda were used, the yield advanced to 1,407 pounds.

The Mississippi Station found that a mixture of 300 pounds of acid phosphate, 200 pounds of Nitrate of Soda, and 100 pounds of kainit was the best in all tests.

A minimum application on land in a fair state of fertility should be 500 pounds per acre and upward of a high grade mixture.

INSECTICIDES AND FUNGICIDES

ACME SPRAYING GUIDE
Compliments of Acme White Lead and Color Works Detroit, Michigan
WHEN AND WHAT TO SPRAY
Write for this Fine Guide Free

ACME
ALL ROUND SPRAY
Combats Blight
Controls Sucking Insects
Destroys Chewing Insects

Acme All Round Spray

The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular.

Prices: ¼ lb. 45c; 1 lb. 95c. Post paid, ¼ lb. 50c; 1 lb. $1.05.

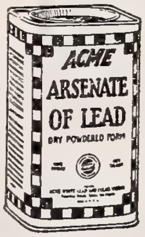
Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. **1 lb. 45c; 4 lbs. $1.60; 100 lbs. $20.00. Can not be mailed.**

ACME
BORDEAUX MIXTURE
DRY POWDERED FORM

Dry Arsenate of Lead

Does not burn the foliage, absolutely safe to use, kills every insect that eats it, superior in every way to Paris Green, can be used dry as a powder or as a solution in water. **½ lb. 30c; 1 lb. 50c; 4 lbs. $1.75; 10 lbs. $4.00; 25 lbs. $8.25; 50 lbs. $15.00; 100 lbs. $27.50. Cannot be mailed.**


ACME
ARSENATE OF LEAD
DRY POWDERED FORM

ACME
PARIS GREEN
POISON

Paris Green

Effective against the potato bug and tobacco and cotton worms and most leaf eating insects. Not to be used on tender foliage such as the peach and the Japanese plum. **Poison. ¼ lb. 20c; 1 lb. 60c; 5 lbs. $2.50. Cannot be mailed.**

ACME
BAIT-M
DRY INSECTICIDE BAIT
To Combat SNAILS SOW BUGS CUT WORMS GRASSHOPPERS

Acme Bait-M

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. **1 lb. 30c; post paid 40c.**

ATLACIDE
ATLAS WEED KILLER IN DUST FORM

Weed Killer Duster

Atlacide non-poisonous weed killer duster exterminates all undesirable vegetation, including Poison Ivy, Canada Thistle, Johnson Grass, etc. Simply shake powder on the grass and weeds to be killed.

1 lb. duster, 50c; post paid 60c.
(Kills 100 sq. ft. weeds.)
3½ lb. duster, $1.50; post paid $1.75.
(Kills 350 sq. ft. weeds.)

Slug Shot, Hammond's

Non-poisonous; a splendid powder for general use. **1 lb. 20c; 5 lbs. 65c; 10 lbs. $1.25; 25 lbs. $3.20; 100 lbs. $11.90; 125 lb. keg $14.25. Post paid, 1 lb. 30c; 5 lbs. 80c; 10 lbs. $1.50.**

USED SUCCESSFULLY SINCE
Hammond's Slug Shot
Hammond's Slug Shot
BEACON, (Fishkill-on-Hudson) N.Y.

Hammond's Grape Dust

Keeps off blight and other fungus diseases. **1 lb. carton 30c; 5 lbs. $1.00. Post paid, 1 lb. 40c; 5 lbs. $1.15.**

Evergreen

Absolutely non-poisonous and kills practically all garden insects. Will not burn or injure the tenderest of plants and blooms. Dilution directions furnished. **1 oz. 35c; 6 oz. $1.00; 16 oz. $2.00; 32 oz. $3.50. Post paid, 1 oz. 40c; 6 oz. $1.10; 16 oz. $2.15; 32 oz. $3.65.**

ASK
EVERGREEN
KILLS PLANT INSECTS

Paradow

This is the real peach tree borer control. Time of application, Sept. 25 to Oct. 31. Applied to the soil around the tree. The fumes move downward, killing all the borers and other insects around the roots. Prices in fall catalog. Please write for copy.

KAYSO
SPRAY SPREADER & ADHESIVE
SPREADS the SPRAY and MAKES IT STAY

Kayso

This preparation is used with all sprays as a spreader and adhesive. It makes the poison stick and is resistant to the washing effect of rains. Use 2 lbs. to 200 gals. of spray. Also recommended for white-wash paints; mixes well and makes the paint cling to trees, roofs, bins, barns, etc. **Price, 1 lb. 35c; 2 lbs. 60c; 5 lbs. $1.25. Post paid, 1 lb. 45c; 2 lbs. 75c; 5 lbs. $1.40.**

Cyanogas Dust

1 POUND NET
CYANOGAS

This dust, when exposed to the air, gives off a gas that is deadly to rodent and insect pests and kills them almost immediately. The residue, after the gas has been given off, is ordinary slaked lime and is not poisonous. The pests don't have to eat Cyanogas—or even touch it. It gets them wherever they are. None can escape it. Can be applied with a dust gun or a spoon. Effective against ants, rats, mice, birds, moles, grasshoppers, fleas, flies, etc. **1 lb. can 75c; post paid, 85c.**

INSECTICIDES AND FUNGICIDES

Black Leaf 40

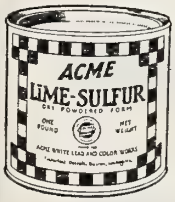
Black Leaf 40
POISON

There are two distinct kinds of plant insects—the "chewing" (eating) kind and the "sucking" kind. The "sucking" insects feed by inserting their sharp, slender beaks into the interior of the leaf, blossom, stem, or fruit. They cannot eat plant tissue, hence cannot eat poison. They must therefore be killed with a preparation which kills by coming into contact with their bodies; in other words, by a contact insecticide—"Black Leaf 40." The most common of these insects are the aphids (plant lice), thrips and leaf-hoppers. "Black Leaf 40" is deadly effective against them. **1 oz. bottle 35c; ½ lb. tin $1.25; 2 lb. tin $3.25. Cannot be mailed.**

Liquid Lime Sulphur

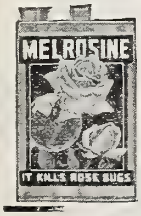
The demand for liquid lime sulphur has risen tremendously in the last few years. Many find it difficult to properly mix dry lime sulphur and water and, therefore, prefer the solution in liquid form. That's why we hunted around until we found a chemical company that would make it for our trade. We have it in four sizes. **1 qt. 50c; 1 gal. 75c; 5 gals. $3.00; 10 gals. $5.00. Cannot be mailed.**

Dry Lime Sulfur



For dormant spraying against scale insects as San Jose Scale and Oyster Shell Scale; Peach Blight and Peach Leaf curl; for summer spraying against such fungus diseases as apple scab, pear scab and against the Red Spider. Mix in water and save the freight. Full directions come with every package. **1 lb. pkg. 35c; 5 lb. pkg. $1.25; 10 lb. $2.25; 25 lb. $3.50; 50 lb. $6.75; 100 lb. $12.00. Post paid, 1 lb. 50c; 5 lb. $1.50.**

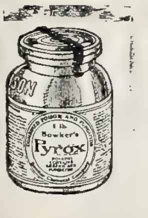
Melrosine



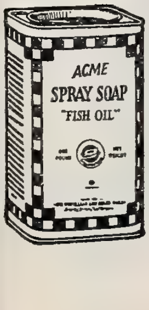
Besides killing rose bugs, blister beetles and other difficult pests, it is a general insecticide and a great cleansing agent. Used with any good spray pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. **Pt. $1.00; trial size 50c.**

Pyrox

REG. U. S. PAT. OFF.
TRADE MARK REGISTERED



Pyrox is a dependable all-around spray for use on vegetables and fruits. It combines a strong poison for controlling leaf-eating insects and a powerful fungicide for the control of plant diseases such as potato blight, rots and rusts. Ready for use by mixing with cold water. **1 lb. 60c; 5 lbs. $1.90; 10 lbs. $3.40; 25 lbs. $7.25. Cannot be mailed.**



Grafting Wax

Prepared especially for all grafting on trees, etc. ¼ lb. 20c; ½ lb. 30c; 1 lb. 50c. Post paid, ¼ lb. 25c; ½ lb. 40c; 1 lb. 60c.

Tobacco Dust

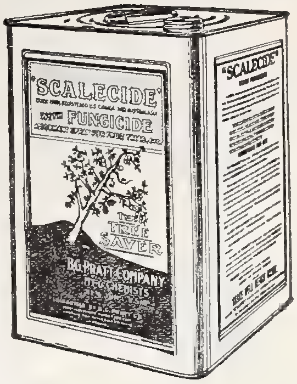
For lice and other insects on all vegetable and flower plants. 1 lb. 20c; 10 lbs. $1.00; 25 lbs. $2.00. Post paid, 1 lb. 30c; 10 lbs. $1.25.

Spray Soap

Effective against scale, ants, aphis, etc., on trees and plants. **1 lb. 35c. Post paid, 1 lb. 40c.**

SCALECIDE

THE COMPLETE DORMANT SPRAY



The quality miscible oil. Oldest and best known dormant spray for trees, shrubs and vines—makes them more beautiful, healthful and fruitful. Pleasant to use—non-caustic, non-corrosive, non-poisonous. Kills scale, insects, eggs, larvae and disease cankers and fungous spores wintering on the plant. Mixes instantly—dilute 1 to 15. **Prices: 1 qt. 75c; 1 gal. $1.75; 5 gals. $6.25; 10 gals. $10.60; 30 gals. $25.00.**

Lubricating Oil Emulsion

A very popular dormant spray for the control of the San Jose scale and similar troubles. Made of lubricating oil, potash, fish oil and soap and water, according to U. S. Farmers' Bulletin No. 993. Dilute 3 gallons in 97 gallons of water. **1 gal. can 75c; 5 gal. can $3.00; 10 gal. can $5.00. Cannot be mailed.**

SULFOCIDE

A Better Summer Spray

This is a summer spray. A concentrated liquid sulfur fungicide. **Used on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls: Apple scab; brown rot of peaches, plums and cherries; blight and rot of potatoes, tomatoes and melons; mildew and rust of flowers and shrubs. Convenient, economical, effective. Dilute 1 to 200. 1 pt. 70c; 1 qt. $1.00; 1 gal. $2.75.**

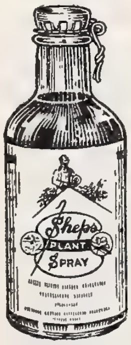
Sulpho-Tobacco Soap

Nicotine, Sulphur and Soap—three well-known insecticides are all combined in this soap. Much more effective than a simple Nicotine spray against Black and Green Aphis, Mealy Bug, Red Spider and many other sucking insects. Simple directions with each cake. Three-ounce cake makes 1½ gallons of solution. Price, 25c; post paid 30c. Eight-ounce cake makes 4 gallons of solution. Price, 50c; post paid 55c.

Tree Tanglefoot

Tree Tanglefoot is a sticky compound similar to that used in making fly paper. It is easily applied and is the most effective and economical protection for fruit, shade and ornamental trees against all crawling insects.

One pound makes about 10 lineal feet of band. **1 lb. can 60c. Post paid, 1 lb. 70c.**



Shep's Spray

Shep's Plant Spray controls and kills both sucking and chewing insects, including Aphids, Thrips, Green Flies, Mealy Bugs, Worms, Caterpillars and others.

Non-poisonous for humans, birds, animals and plants. Sure death to insects. Will not injure the most delicate blooms or plants. Benefits soil and foliage.

2 oz. bottle 35c; 8 oz. 75c; 16 oz. $1.25. Post paid, 2 oz. 40c; 8 oz. 80c; 16 oz. $1.35.

B-K

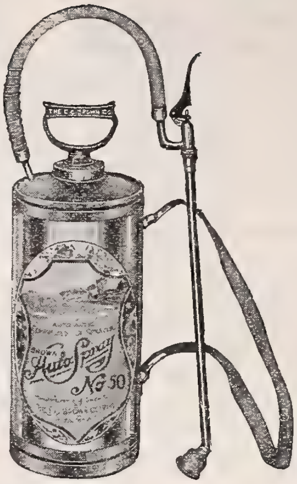
Bacili-Kil

5-GALLON
B-K
DISINFECTANT - DEODORANT - STERILIZER
GENERAL LABORATORIES
GLASS

B-K is a household purifier, deodorant, disinfectant, germ destroyer, antiseptic, that is non-poisonous, clean, colorless and leaves no odor after use. You dilute it with water and it is guaranteed to give satisfaction. **4 oz. bottle 35c; 10 oz. 60c; 1 qt. $1.25; 1 gal. $3.00. Post paid, 4 oz. 40c; 10 oz. 70c; 1 qt. $1.40.**

SPRAY PUMPS

Auto Spray No. 50



Holds 2½ gallons and is convenient for women. Handles all spraying solutions at high pressure and is recommended for small trees, truck and home gardens, vines, chicken houses, etc. Equipped with 18-inch brass extension.

No. 50D—Galvanized tank $4.95

No. 50B—Brass tank..... 7.50

Post paid, 35c extra.

Auto Spray No. 9

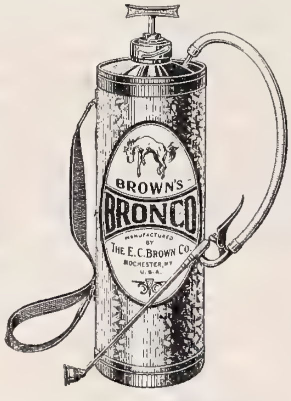
Similar in every way to No. 50, illustrated and described above, except that it is of 4 gallons capacity instead of 2½ gallons.

No. 9D—Galvanized tank.................................$6.50

No. 9B—Brass tank... 9.95

Post paid, 50c extra.

Bronco

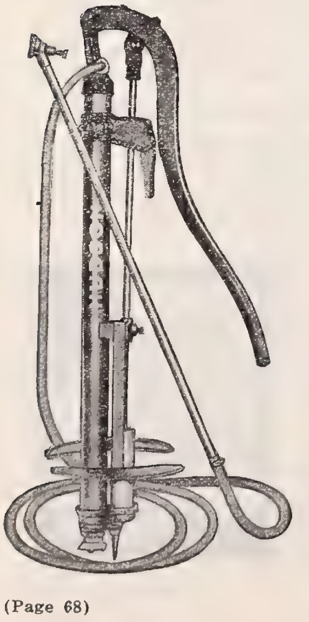

BROWN'S
BRONCO
MANUFACTURED BY
THE E.C. BROWN CO.
ROCHESTER, N.Y.
U.S.A.

Capacity 3¾ gallons and is intended for the same service as No. 9. This pump is not as rugged as No. 9, however, and is less expensive to manufacture. Therefore, it sells for less.

Bronco, galvanized tank, $4.50

Post paid, 50c extra.

Hudson Barrel Spray Pump No. 4A

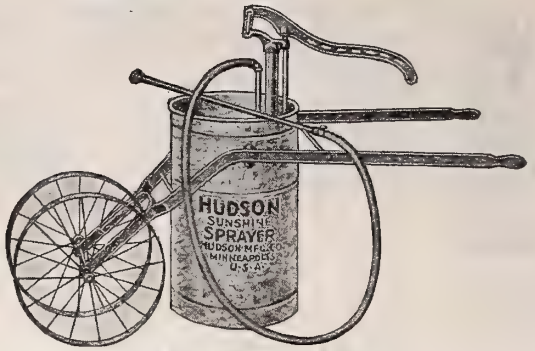


The Hudson Barrel Pump will meet all requirements. It is powerful, light and durable, and will maintain a working pressure of 200 pounds. Has ample capacity for two lines of hose if desired. Handles whitewash, cold-water paints, disinfectants, insecticides, etc. Handle is unbreakable pressed steel. Cylinder is seamless brass. Valves are bronze balls, mounted in brass cage. Agitator is all metal, dasher type. Furnished with attachment for mounting on chime of barrel.

No. 4A—Pump, with 6-ft. 3/8-in. 5-ply spray hose and 4-ft. extension rod—total 10 ft., and angle Ideal nozzle. Shipping weight 33 pounds. Price $13.75

Fitting for mounting on head of barrel, extra....................$1.95

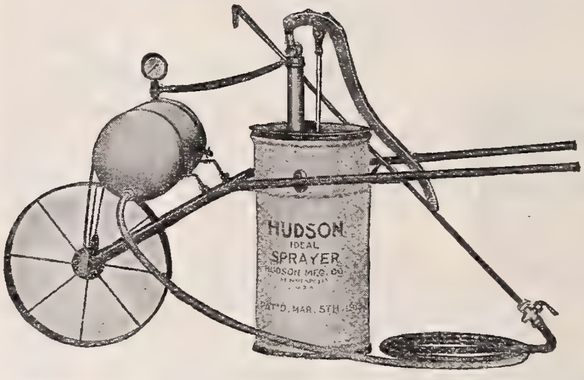
Hudson Sprayer No. 36



The Hudson Sunshine No. 36 has capacity of 12½ gallons, with discharge equipment of 5 feet of ⅜-in. 5-ply spray hose, two foot iron pipe extension and angle spray nozzle.

No. 36—Sunshine Sprayer, f. o. b. Memphis............**$15.60**

Hudson Ideal No. 33



Ideal No. 33 is a high pressure, portable outfit with capacity for two lines of hose, if desired. Tank, 15-gal. capacity, discharge equipment 6 ft. ⅜-in. spray hose, a 4-ft. ¼-in. iron extension Ideal angle nozzle and leakless shutoff. Equipped with reserve air pressure gauge and tank.

Ideal No. 33—Galvanized tank.........................**$32.75**

Hudson Ideal Sprayer No. 32

Same as No. 33 described above, but without the special air pressure gauge and tank.

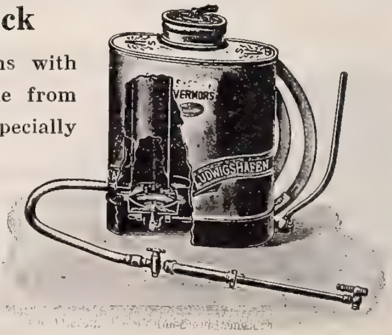
No. 32 Ideal Sprayer, galvanized supply tank. Price....$23.25

Hudson Sprayer No. 37

The Hudson No. 37 is identical with No. 33 except that it has less discharge equipment and its tank capacity is only 12½ gallons.

No. 37—Galvanized tank, f. o. b. Memphis..............**$25.50**

Brass Knapsack

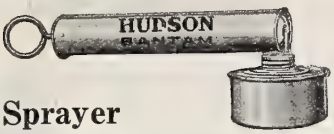


Capacity four gallons with pressure chamber made from solid piece of brass. Specially designed to spray underside of foliage close to the ground. Lasts indefinitely. **Each $20.00, f. o. b. Memphis.**

SPRAY PUMPS AND DUSTERS

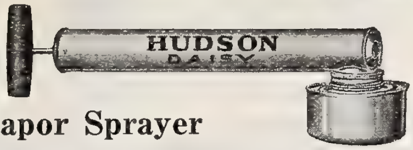
Household Sprayer

No. F2—Capacity about 5½ ounces, tin, 10c; post paid 20c.


HUDSON
BANTAM

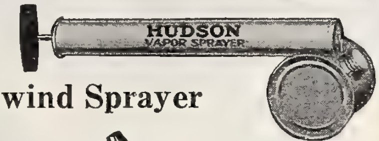
Daisy Sprayer

No. F4—Capacity about ¾ pint, tin, 25c; post paid 35c.

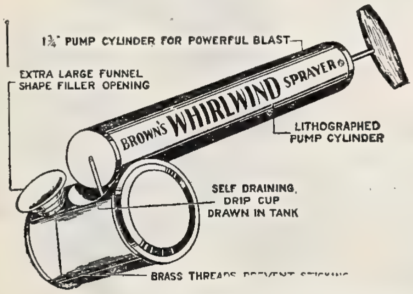

HUDSON
DAISY

Vapor Sprayer

No. 222—Capacity about ¾ pint, tin, 35c; post paid 45c.

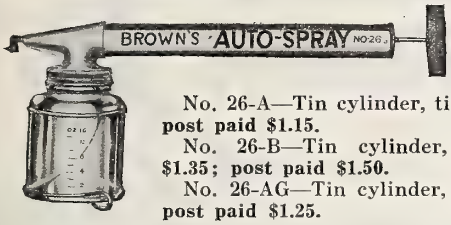

HUDSON
VAPOR SPRAYER

Whirlwind Sprayer


1¾" PUMP CYLINDER FOR POWERFUL BLAST
EXTRA LARGE FUNNEL SHAPE FILLER OPENING
BROWN'S WHIRLWIND SPRAYER
LITHOGRAPHED PUMP CYLINDER
SELF DRAINING, DRIP CUP DRAWN IN TANK
BRASS THREADS PREVENT STICKING

Capacity is 1 quart, tin, 50c; post paid 65c.

Continuous Sprayer


BROWN'S AUTO-SPRAY NO. 26

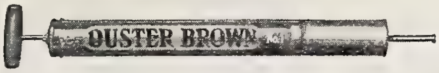
Capacity of all continuous sprayers is 1 quart.

No. 26-A—Tin cylinder, tin container, $1.00; post paid $1.15.

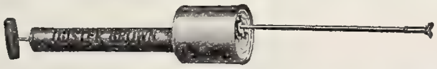
No. 26-B—Tin cylinder, brass container, $1.35; post paid $1.50.

No. 26-AG—Tin cylinder, glass tank, $1.10; post paid $1.25.

Dust Pumps

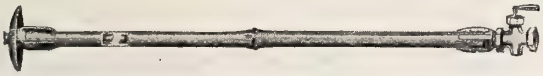

DUSTER BROWN

Duster Brown No. 1, capacity one pint, 60c; post paid 75c.


DUSTER BROWN

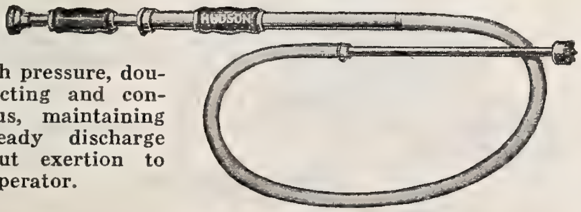
Duster Brown No. 2, capacity one quart, $1.25; post paid $1.40.

Bamboo Spray Pole



Brass lined in one piece. Fitted with brass drip shield and stop cock. 8 ft. long, $3.60; by express only. 12 ft. long, $4.40; by express only.

Trombone Sprayer

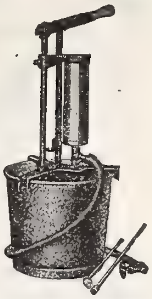


High pressure, double acting and continuous, maintaining a steady discharge without exertion to the operator.

No. 123 Trombone, each, $4.35; post paid, $4.60.

Paragon Whitewasher

SCHWILL'S FIRST CHOICE

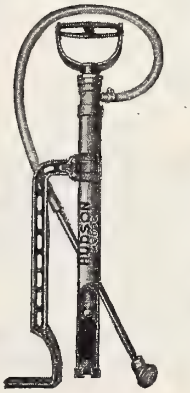


Here is a machine that we honestly believe is the best whitewasher available at the price. And, we herewith recommend it after thorough trial. Capacity, 3½ gallons.

Equipment—4 feet special spray hose, 3 feet spray pipe, 1 mist spray nozzle, 1 steel cap for mist nozzle for whitewashing, 1 straight spray.

Paragon No. 0—$12.50 f.o.b. Memphis.

Hudson Modoc Spray Pump

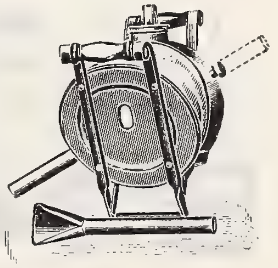

HUDSON MODOC

The Modoc is a double-acting bucket pump. It is used for spraying fruit trees and vines, garden truck, for whitewash, disinfectants, insecticides, washing automobiles or as a fire pump in case of emergency. It will develop 150 pounds nozzle pressure. May be used with any bucket or small tank. Fitted with interchangeable nozzle discs to produce either spray or solid stream.

No. 122. Modoc Pump. Weight 6 pounds. Price each..............................$4.95

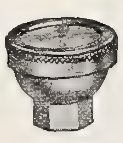
Post paid, $5.25.

Green Hand Duster

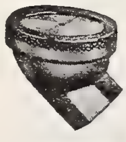


Discharge pipe can be arranged to throw dust up or down. Has large, powerful leather bellows. Capacity four pounds. Price $5.50, f. o. b. Memphis.

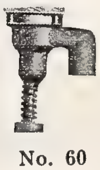
Spray Nozzles



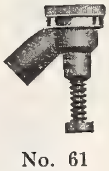
No. 166
Fog Nozzle



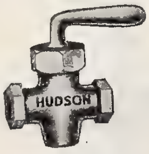
No. 168
Fog Nozzle



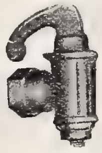
No. 60
Ideal Nozzle



No. 61
Ideal Nozzle



No. 149
LeaklessShutoff



No. 71
Bordeaux Noz.

PRICES

No.	Each	No.	Each
166	$ .75	61	$1.00
168	.75	149	1.00
60	1.00	71	1.00

Add 10c for postage.

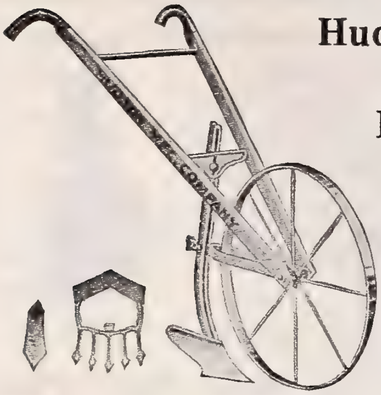
Spray Hose

Of special composition, not affected by the chemical action of spray solutions. In two sizes:

⅜-in.—5-ply. Per foot	18c
½-in.—5-ply. Per foot	22c

(F. O. B. Memphis. Shipped by express.)

GARDEN TOOLS AND ACCESSORIES

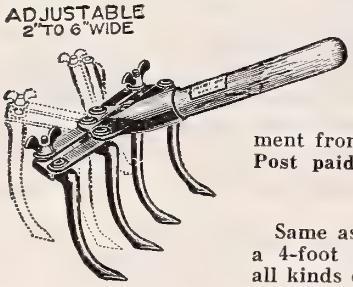


Hudson Plow and Cultivator

Price, $3.75

It is instantly adjustable for depths regardless of the height of the operator and the pitch of the tools and can be changed in a moment to meet the specific requirements of soil and owner.

Junior Cultivators



No. 12

Fitted with 12 inch handle and adapted for flower beds, rose bushes, etc. Range of adjustment from 2 to 6 inches. **Each, 35c. Post paid, 50c.**

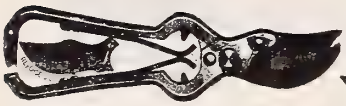
No. 14

Same as No. 12 but equipped with a 4-foot handle and is adapted to all kinds of garden work. **Each, 45c. Post paid, 60c.**

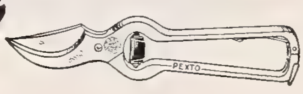
Hot Bed Sash

No. E440, Hotbed Sash—Glazed, 5 rows, 6-inch glass, clear cypress frames 3x6 feet, 1 3/8 in. thick. **Price, each $4.40; in lots of 5 at $4.15 each, f. o. b. Memphis.**

Pruning Shears



V14



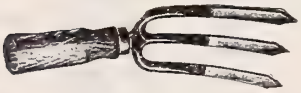
R170

No. V11	$ .75
No. V13	1.00
No. 509	1.25
No. V179	1.40
No. V1409	1.75
No. R170	2.50
No. V14	2.75

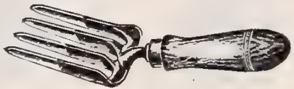
Pruning Saws

16 inch	$2.25
18 inch	2.50

Spading Forks



F30 Fork



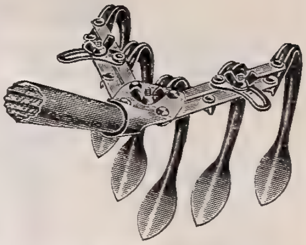
F40 Fork

Forks, Transplanting, forged, 3-tine, No. F30, length 11 inches each, 60c; post paid	**.70**
Forks, Transplanting, forged, 4-tine. No. F40, each 50c; post paid	**.60**
Forks, Spading, 4-prong, each	**1.95**
Forks, Spading, 5-prong, each	**2.50**

Hoes and Rakes

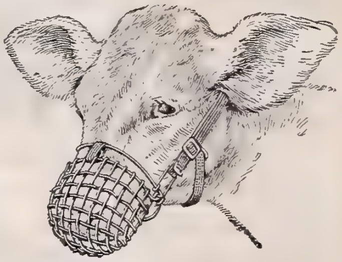
Hand Sharpened Steel Hoe	**60c, 85c, $1.25**
No. 14S, Garden Rake, 14 teeth	**1.25**

Cultivator Hoe No. 5



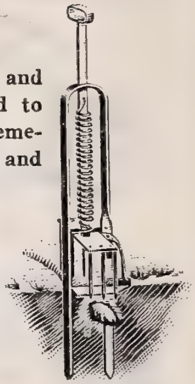
Instantly adjustable to cultivate rows from 6 to 12 inches apart. Center tooth removable so that both sides of row may be cultivated at the same time and when spread to full width it is an excellent rake. **Each, 90c. Post paid, $1.10.**

Shaw Calf Weaners



Needed on every farm. Sturdy and well worth the money. **Each, 50c. Post paid, 60c.**

Reddick Mole Trap



Moles dig wherever the ground is soft and damp. Therefore, Reddick traps respond to a demand from schools, parks, colleges, cemeteries and golf clubs. Strong, practical and rust proof. **Each $1.25.**

Graswip No. 160

Used like golf club. Cuts grass and weeds on forward and backward swing. Length 37 inches. **Each $1.25, f. o. b. Memphis.**

Grass Hooks

Boston	**60c; post paid 75c**
No. 3	**75c; post paid 90c**
Big Indian	**85c; post paid $1.00**

Grasnip No. 3

Carbon steel blade	**85c; post paid $1.00**

Hedge Shears

6 inch	**each**	**$1.60**
7 inch	**each**	**2.25**
8 inch	**each**	**2.50**

(Postage 15c extra)

Trowels

T25—Transplanting	**20c**
T23—Garden	**25c**
T20—6 inch round steel	**30c**
T15—Steel blade, 8½ in. handle	**50c**

(Postage 10c extra)

Weeders

827—2 Prong Blade, 1⅛ in. wide, 12 in. long, **50c; post paid 60c**
829—4 Prong Blade, 1⅛ in. wide, 10 in. long, **30c; post paid 40c**

Raffia

For weaving baskets, tying nursery, etc. In natural color only. **Per lb. 60c, post paid. Write for quantity prices.**

Jute Twine

For tying beans, tomatoes and other vegetables. **Per ball 20c, post paid.**

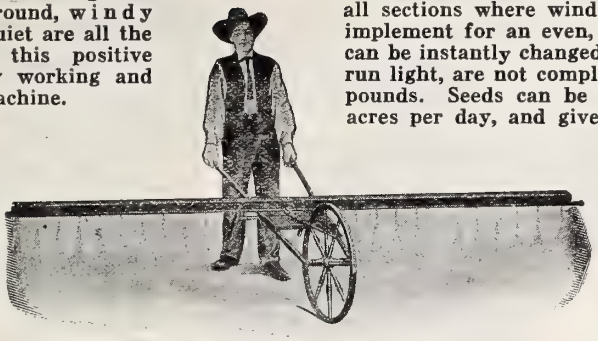
Thermometers

Standard weather	**each 50c, 75c and $1.00**

SEED SOWERS AND PLANTERS

Thompson's Wheelbarrow Grass Seeder

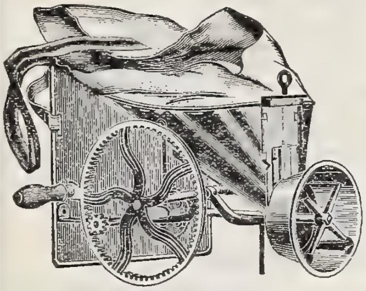
Conditions make no difference — rough or smooth ground, windy days or quiet are all the same to this positive feed, easy working and speedy machine.



These are the most valuable implements for sowing all grass seeds broadcast. The quantity of seed sown per acre is accurately governed by the wheel, which moves correspondingly slow or fast as the machine is run over the ground. For all sections where winds prevail, there is no machine made that will equal this implement for an even, accurate job of seeding. The quantity required per acre can be instantly changed by slipping a pin from one hole to another. The seeders run light, are not complicated, and complete, ready for work, weigh from 40 to 50 pounds. Seeds can be sown mixed or separate, any quantity desired, 30 to 50 acres per day, and give an absolute evenness of seeding.

Seeder No. 5—Sows Clover, Timothy, Millet, Alfalfa, Flax, Rape, Crimson Clover and all chaffy seeds like Redtop, Orchard Grass, clean Blue Grass, any quantity per acre desired. Hopper, 14 feet only. Price, $12.95, f. o. b. **Memphis.**

Seeder No. 6—Sows Clover, Alfalfa, Timothy, Millet, any quantity from 4 to 24 quarts per acre. **Hopper, 14 feet, $11.50, f. o. b. Memphis.**



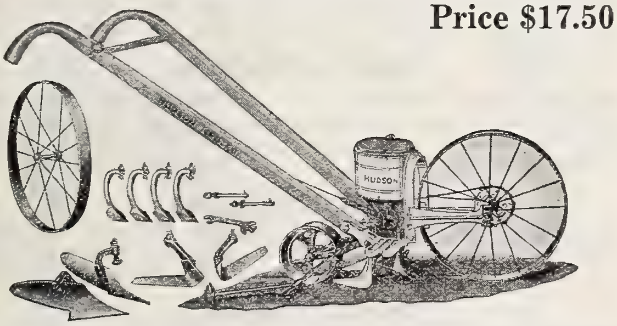
Cahoon Seeder

Cahoon Broadcast Seeder

One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. **Price, each, $4.50; post paid $4.75.**

Hudson Seeder and Cultivator No. 201

Price $17.50

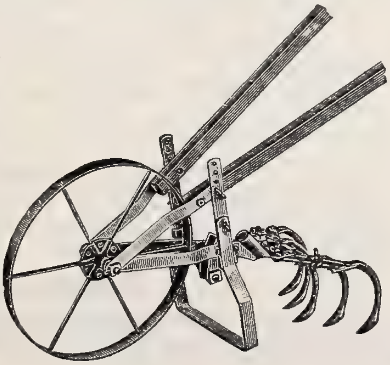


This is a combination machine. As a seeder it opens the furrow, drops the seed, closes the furrow, packs the earth and marks the next row, all in one operation. The seeding parts can be detached by removing two bolts and the machine then becomes a single or double wheel cultivator, rake, plow or hoe, as desired.

Cultivator No. 1

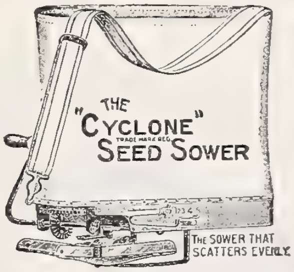
Price $3.50

Tool equipment consists of sharp edged weed cutter and a five-prong cultivator. Cuts the weeds, uproots them and pulverizes the soil.

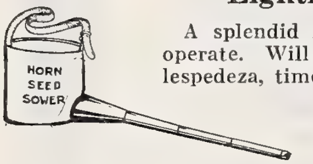


Cyclone Seed Sower

Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly, works perfectly; has an agitator feed plate, which insures a uniform flow of seed. **Price, each $2.10;** post paid $2.30.

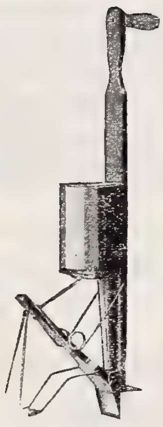

THE
"CYCLONE"
SEED SOWER
THE SOWER THAT SCATTERS EVENLY

Lightning Horn Seeder

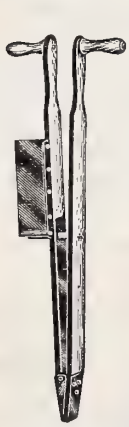


A splendid little tool, simple and easy to operate. Will sow any fine seed like clover, lespedeza, timothy, alfalfa and grasses. Holding the tube downward wind won't blow seed away. We know this seeder to be good. **Price, 95c; post paid $1.05.**

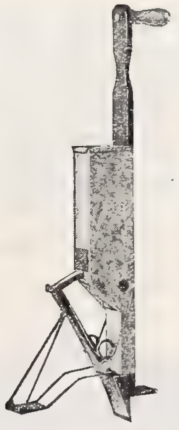
Corn Planters



Rotary Planter
No. 309



Acme Planter
No. 306



One Hand Segment
No. 311

No. 309—Rotary Corn Planter, each $2.20. Post paid, each $2.35.

No. 306—Acme Corn Planter, each $1.15. Post paid, each $1.30.

No. 311—One-Hand Segment Corn Planter, each $1.50. Post paid, each $1.65.

CANARY BIRDS, CAGES AND BIRD SUPPLIES

Hartz Mountain Canary

SCHWILL'S SWEET SINGERS

Backed by Written Guarantee

Canaries are the most popular of birds and the easiest to raise. They add warmth and a distinction to the home and really become a part of the family.

Each bird is tested and known to be in full song before leaving the store. In addition we issue a written guarantee that he will sing. We specialize in the Hartz Mountain open-mouthed warblers.

Price, each $7.50 to $9.95. Females, each $2.00 to $4.00, f.o.b. Memphis, at owner's risk. Terms: Cash with order. No C. O. D. shipments made.

UP FROM
$7.50

We Will Buy Your Birds

Many customers raise canaries for sale. Perhaps you do the same. If so please write us immediately as we are in the market for singers at all times.

Schwill's Bird Seed

Canary Seed, plain, 1 lb. 15c; 2 lbs. 25c. Post paid, 1 lb. 25c; 2 lbs. 40c.

Canary Seed, mixed, 1 lb. 15c; 2 lbs. 25c. Post paid, 1 lb. 25c; 2 lbs. 40c.

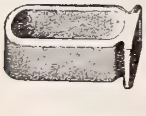
Hemp, 1 lb. 15c. Post paid 25c.

Millet, 1 lb. 15c. Post paid 25c.

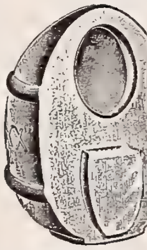
Rape, 1 lb. 15c. Post paid 25c.

Sunflower, 1 lb. 15c; 2 lbs. 25c. Post paid, 1 lb. 25c; 2 lbs. 40c.

Bird Cage Necessities

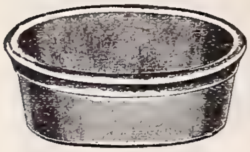


Food Holder

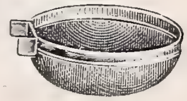


Seed Cup

No. 14
Spring

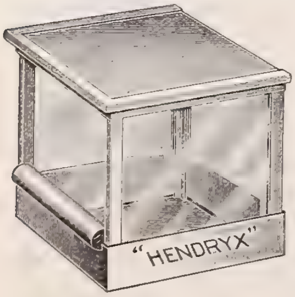


Bath Dish



Bird Cage Nest

Bird cage seed cups, opal or glass	each 15c	post paid 20c
Bird cage bath dishes	each 20c	post paid 30c
Bird cage nests, wire	each 15c	post paid 20c
Food holder, for extras	each 10c	post paid 15c
No. 382—Ladder chain and hook, brass,	each 25c	post paid 30c
No. 14—Heavy brass spring	each 25c	post paid 30c
No. 525—Brass spring	each 15c	post paid 20c
No. 182—Brass spring and 24-in. chain,	each 40c	post paid 45c
No. 24—Brass spring and 24-in. chain,	each 25c	post paid 30c
Style P—Nickel plated revolving hook, 10-in.	each 20c	post paid 25c
Style K—Nickel plated revolving hook, 10-in.	each 15c	post paid 20c
No. 198—Swing for cages	each 15c	post paid 20c
No. 1901—Parrot Cage Cups, brass front,	each 60c	p. pd. 65c



Glass Bath House

No. 1922

This is a white enameled outfit, with three removable glass sides and is attached to the cage when the door is opened. Handsome, and also prevents splashing of water. Size 4x4 in. Price $1.00; post paid $1.10.

"Philadelphia" Foods

Mixed Canary Seed, pt. box 20c. Post paid 30c.
Bird Manna, each 15c. Post paid 20c.
Silver Gravel, pt. box 15c. Post paid 25c.
Red Gravel, pt. box 15c. Post paid 25c.
Bird Bitters, bottle 25c. Post paid 30c.
Mite Exterminator, box 25c. Post paid 30c.
Moulting Pepper, box 25c. Post paid 30c.
Nestling Food, box 25c. Post paid 30c.
Nesting Hair, box 10c; post paid 15c.
Cuttle Fish Bone, with holder, each 10c. Post paid 15c.
Merican Salve, for sores, box 25c. Post paid 30c.
Orange Color Food, box 25c. Post paid 30c.
Parrot Condition Tablets, bottle 25c. Post paid 30c.

Spratt's Supplies

Spratt's Parrot Food	box 25c	post paid 30c
Spratt's Sing Song	pkg. 15c	post paid 20c
Spratt's Mocking Bird Food	pkg. 35c	post paid 40c
Spratt's Cod Liver Oil Bird and Nestling Food	pkg. 15c	post paid 20c
Spratt's Egg Flake and Fruit Mixture	box 25c	post paid 30c
Ant Eggs, for soft-billed birds	box 35c	post paid 40c
Spratt's Song Restorer	pkg. 30c	post paid 35c

Haller's Supplies

Old Dutch Song Restorer	each 25c	post paid 30c
Health Food	each 25c	post paid 30c
Sure Egg Maker	each 35c	post paid 40c
Feather Restorer	each 30c	post paid 35c

National Supplies

Love Bird Mixture	pkg. 25c	post paid 35c
Moulting Food	pkg. 25c	post paid 30c
Cod Liver Oil Nestling Food	pkg. 20c	post paid 25c

West Products

Magnesia Grit and Charcoal	pkg. 15c	post paid 20c
Bird Wash	bottle 25c	post paid 30c

Canary Bird Seed in Quantity

Some of our customers buy canary bird seed, plain or mixed, in quantities larger than those listed on this page. If you are in the market for 5, 10, 15 or 20 lbs. at a time, or if you want a ton, we can make delivery just as easily and just as quickly as if you buy a package.

Please write for special price, naming the amount desired.

White Traveling Cage

Light, but durable and easily handled. Just the thing for moving the bird. Equipped with perch and cups. Size 7x7 in. **Price, each $2.10; post paid $2.30.**

Gray Squirrel Cage

Cabin-shaped, with outside wheel for exercise; made of tin. Size No. 2 only, 9¼x8½x11 inches; wheel, 8½x7½ inches. **Price, each, $11.75; post paid, $12.10.**

We Carry the Largest Stock in the South

REG. U.S. PAT. OFF.
"HENDRYX" BIRD CAGES
Since 1869

We Have the Hendryx Line Exclusively

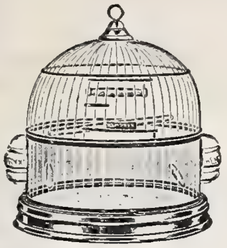
Brass Cages, Round

Full equipped, as illustrated, with perches, swing, cups and seed guard. Round in shape, finished in dull brass, with special draw bottom.

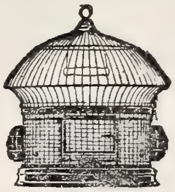
No. 2274DB—Dimensions 10x13 inches.................$4.60

No. 2275DB—Dimensions 11x14 inches.................$4.95

By parcel post 35c extra for packing and postage.



No. 2274DB



No. 250

Champion of All

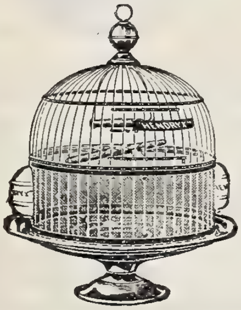
Here's cage No. 250, in our estimation the classiest pattern ever offered the American public. Finished in blue, red or green. Diameter 11 inches, height 15 inches.

No. 250—Plain base.................$7.50

No. 250DB—Drawer base............ 8.75

(By mail 35c extra)

Here's an Old Favorite and a New Model



"Schwill's Special"

Made of brass, with extra third rail at top to preserve its shape and to prevent the escape of the bird. Our best seller for years.

No. 274—Size 10x15½ ins...$3.25

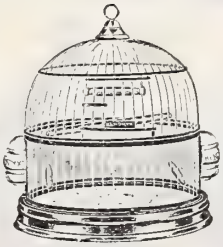
No. 275—Size 11x15¾ ins... 3.75

By parcel post, 35c extra.

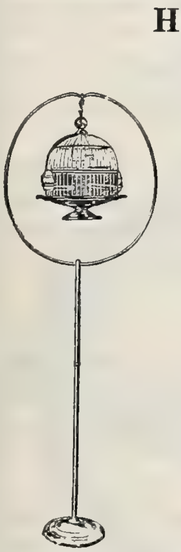
"Duco Dandy"

The finish is two-tone Duco and we have the combination in three colors, red, green and blue. Cage is pictured here and the stand is of half-circle.

No. 2274D—Cage and stand....$6.25
No. 2275D—Cage and stand.... 7.25
No. 2276D—Cage and stand.... 8.25
(F. O. B. Memphis; express extra.)



Hendryx Cage Stands

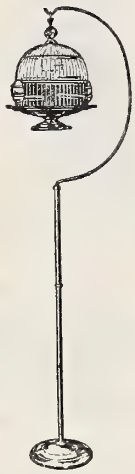


No. 57—Half circle, Duco finish, red or green..$2.65

No. 39A—Polished brass, half circle........... 2.90

No. 40A—Polished brass, full circle........... 3.85

(F. O. B. Memphis; by express only.)



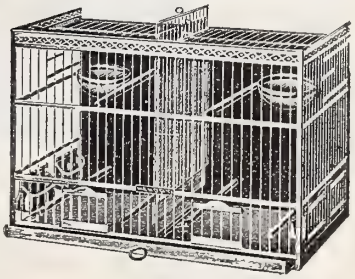
Draw Bottom

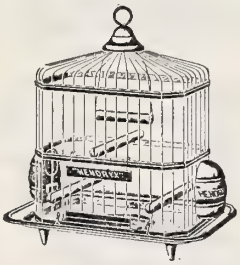
WHAT IT MEANS

On this page you will find cages described as "DB," meaning draw bottom. Patterns so listed have a tray that may be withdrawn, to permit cleaning, without unlocking or disassembling the cages. It saves time and is handy.

Breeding Cages

No. 86S—Metal Breeding Cage, 17x8x13 in....$5.25
No. 86 —Metal Breeding Cage, 20x10x14 in...$6.15
No. 87 —Metal Breeding Cage, 22x11x15 in...$7.00
If wanted by parcel post, add 35c for packing and postage.





No. 022

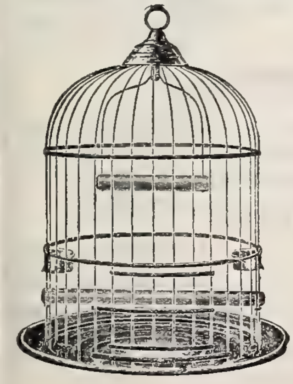
Bargain in Ivory

If you want something cheap and at the same time serviceable, you'll buy this. Finished in ivory, 9¾x6¼x14¼ inches.

No. 022—Complete as shown..$2.15

(By mail 25c extra)

Hendryx Parrot Cages

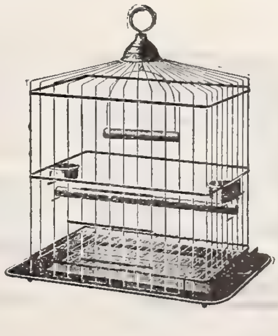


Round Parrot Cages

No. 75P—Standard tinned, 13x21½ inches, tin base..$7.25
No. 80P—Standard tinned, 14x23 inches, tin base.... 8.75
No. 85P—Standard tinned, 15½x24 inches, zinc base 9.95
By parcel post 50c extra for packing and postage.

Oblong Cages

No. 125—Tinned wire and tin base, 14x10½x22 in......$ 9.50
No. 130—Tinned wire and tin base, 16½x11½x24 in.... 10.75
No. 135—Tinned wire and tin base, 17½x14x27 in...... 12.95
By parcel post 50c extra for packing and postage.



Parrot Stand

Sturdily built, to withstand hardest wear. Height 3 ft. 7 inches, with black enameled tray 19x24 inches, elevated perch, two cups and chain. Each $14.10, f. o. b. Memphis; express extra.

DOG FOODS AND MEATS

Schwill's Dog and Puppy Cakes

After many years of experience we are able to offer a cake that will satisfy the most discriminating. It is intended for both dogs and puppies and is made of the choicest of ingredients, finely blended and perfectly balanced. Cooked in the shape of small squares to prevent waste and breakage and to permit puppies to handle them with ease.

PRICES

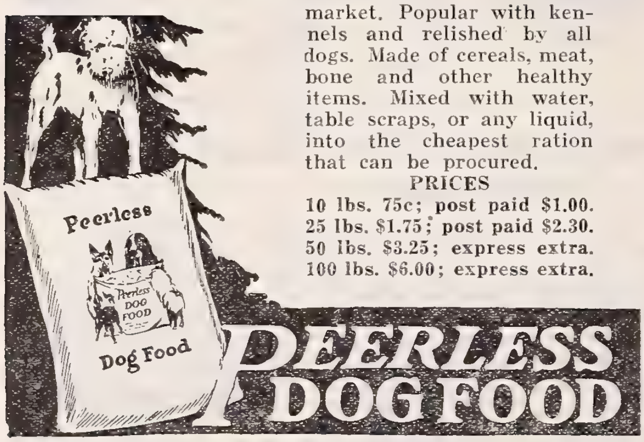
2 lbs. 25c; post paid 35c.
5 lbs. 60c; post paid 75c.
15 lbs. $1.75; post paid $2.00.
25 lbs. $2.75; post paid $3.20.
50 lbs. $5.25; express extra.
100 lbs. $9.95; express extra.

Peerless Dog Food

The best seller on the market. Popular with kennels and relished by all dogs. Made of cereals, meat, bone and other healthy items. Mixed with water, table scraps, or any liquid, into the cheapest ration that can be procured.

PRICES

10 lbs. 75c; post paid $1.00.
25 lbs. $1.75; post paid $2.30.
50 lbs. $3.25; express extra.
100 lbs. $6.00; express extra.


Peerless
Peerless Dog Food
Dog Food
PEERLESS DOG FOOD

Spratt's Dog Cakes

SPRATT'S
OVALS
A SMALL MEAT BISCUIT OF SUPERIOR QUALITY FOR DOGS OF ALL BREEDS AND SIZES

In Boxes and in Bulk

Appetizing and Flesh-forming good for Puppies and Dogs out of Condition
SPRATT'S
SPRATT'S FIBO

SPRATT'S
SPRATT'S PUPPY
PUPPY CAKES

Spratt's Dog Cakes ....
2¼-lb. box $ .40; post paid $ .50
Spratt's Dog Cakes ....
5-lb. box .80; post paid .95
Spratt's Dog Cakes ....
50-lb. bag $7.25; cannot mail
Spratt's Dog Cakes ....
100-lb. bag $14.25; cannot mail
Spratt's Puppy Cakes............
box 45c; post paid 55c

SPRATT'S
DOG CAKES
NO TROUBLE
NO COOKING
NO MESS

Spratt's Fibo, box 45c; post paid 55c
Spratt's Fibo........50-lb. bag $8.50
100-lb. bag $16.50; cannot mail
Spratt's Ovals, box 45c; post paid 55c
Spratt's Ovals.........50-lb. bag $7.75
Spratt's Ovals......100-lb. bag $14.95
Spratt's Cod Liver Oil Cakes....
box 45c; post paid 55c
Spratt's Puppy Meal.............
box 45c; post paid 55c

"Dog Meat"

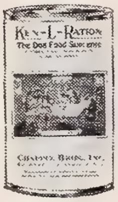
We apply the term "Dog Meat" to any meat preparation, packed in cans. There are several kinds, of course, but, basically, they are about the same and all are good.

Pup-E-Ration

Contains red meat, organic iron, calcium phosphate, Norwegian cod-liver oil and marrow meat—the elements necessary for growth of body, bone and coat. Ready to serve. Packed in one-pound tin cans.

PRICES:

1 can	**20c;**	**post paid 30c**
3 cans	**50c;**	**post paid 60c**
6 cans	**$1.00;**	**post paid $1.25**
1 case, 48 cans	**$6.60;**	**express extra**


KEN-L-RATION
The Dog Food Supreme

Ken-L-Ration

Made similar to Pup-E-Ration, but stronger. Intended for dogs and cats.

1 can	**20c;**	**post paid 30c**
3 cans	**50c;**	**post paid 60c**
6 cans	**$1.00;**	**post paid $1.25**
1 case, 48 cans	**$6.25;**	**express extra**

Maro Meat

This is a basic meat food and must be fed with other material, such as boiled rice, rolled oats, Peerless Food, vegetables or dry bread. One can of Maro Meat, supplemented with water and roughage, as above indicated, will make eight to twelve pounds of appetizing, nourishing food. Packed in 2½-pound cans.

PRICES

1 can	**40c;**	**post paid 50c**
3 cans	**$1.10;**	**post paid $1.25**
9 cans	**$3.10;**	**post paid $3.60**
1 case, 18 cans	**$5.80;**	**express extra**

Doggie Dinner

DOGGIE DINNER
The Perfect Dog Food
FOR DOGS, CATS AND FOXES
SIMPSON PRODUCTS CO.

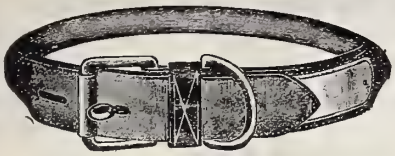
Specially prepared for dogs and cats and made of choice meats, cereals, vegetables, cod liver oil and minerals. Packed in 18-oz. cans.

PRICES:

1 can	**15c;**	**post paid 25c**
3 cans	**45c;**	**post paid 55c**
12 cans	**$1.70;**	**post paid $1.95**
1 case, 24 cans	**$2.90;**	**express extra**

DOG COLLARS, HARNESS AND SUPPLIES

Collars

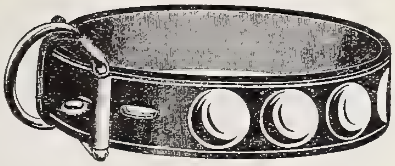


Schwill's Round Collar

This Round Collar, for Collies, Setters, Pointers, Airedales and all long coated breeds. **Each $1.60, post pd. $1.70.**

Made of double thickness leather, ornamented and with lock and lead rings.

Each $1.25; post paid $1.35.



No. 1015

Plain strap leather, with name plate, 40c; post paid 50c.

Strap leather, ornamented, with name plate, 50c, post paid 60c.

No. FSL—Solid leather, fcy., ornamented, $1.00; post pd. $1.10.

No. 3744—Solid leather, sizes 16, 18 and 20 inches, $1.75; post paid $1.90.

No. 560—For very small dogs and cats, 10, 12 and 14 inches, 95c; post paid $1.05.

No. 435—Choker, chain, light weight, 40c; post paid 50c.

No. 409—Choker, chain, medium weight, 75c; post paid 85c.

No. 1655—Leather, double strength, ornamented, $1.80; post paid $1.90.

Choker, chain, for German police dogs, $1.10; post paid $1.25.

Choker, chain, with training spikes, $1.25; post paid $1.35.

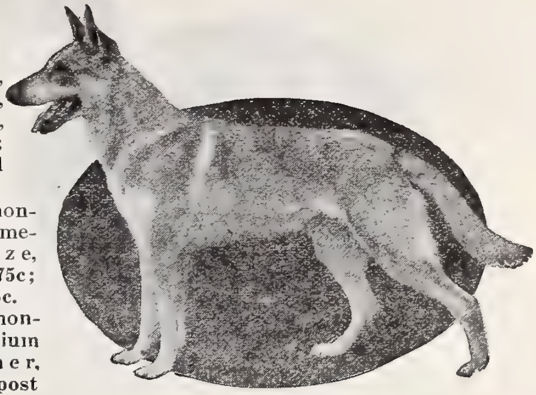
Choker, leather, extra heavy, $2.50; post paid $2.60.

Leather Muzzles

Imported, adjustable, small size, leather, 40c; post paid 50c.

Imported, non-adjustable, medium size, leather, 75c; post paid 85c.

Imported, non-adjust., medium size, leather, each $1.10; post paid $1.20.



Wire Muzzles

Small size, each 60c; post paid 70c.

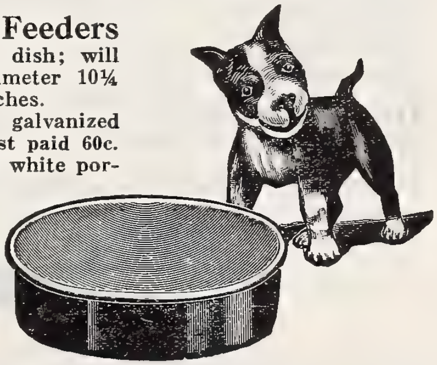
Medium size, each 75c; post paid 85c.

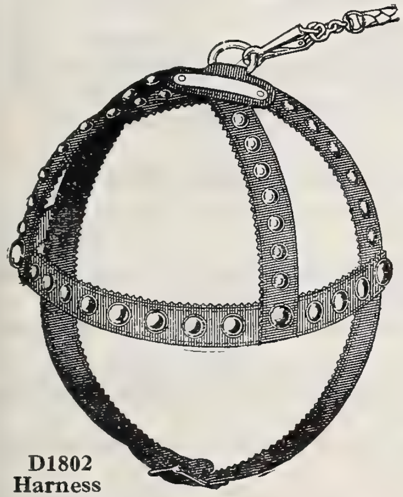
Sanitary Dog Feeders

Strong, substantial dish; will not tip over. Diameter 10¼ inches; depth 2 inches.

No. 156—Heavy galvanized iron. Each 50c; post paid 60c.

No. 157—Enameled, white porcelain inside. Each 95c; post paid $1.05.



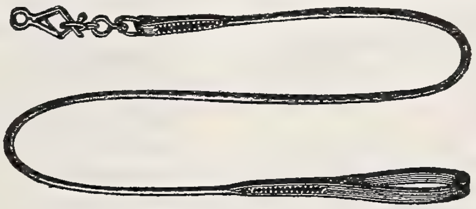


D1802 Harness

Schwill's Leather Harness

No. 1—Plain leather, light weight, for small dogs	$ .60;	post paid $ .70
No. D1802—Ornamented, strong, as illustrated	2.25;	post paid 2.40
No. 3—Imported, double leather, classy, ornamented	3.00;	post paid 3.20
No. 4—For German Police dogs, will not break	4.00;	post paid 4.25
No. 3174—Tan, brass studded, for large dogs	4.95;	post paid 5.20

Schwill's Leather Leads



Round Leather Lead

FLAT LEATHER

No. 1—Light weight, 60c; post paid 70c.

No. 2—Medium weight, $1.00; post paid $1.10.

No. 3—Heavy weight, $1.75; post paid $1.85.

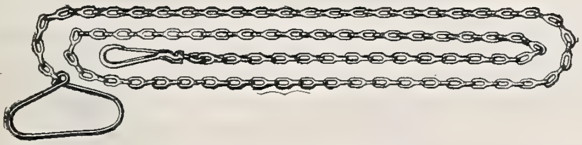
ROUND LEATHER

No. 6—Light weight, but strong, $1.75; post paid $1.85.

No. 7—Medium weight, but sturdy, $2.25; post paid $2.35.

No. 8—Extra heavy, will hold any dog, $2.50; post paid $2.60.

Safety Link Dog Chains



No. 876—Med. wt., 4 ft. long, nickel plated. **Ea. 15c; p. pd. 25c.**

No. 872—Lt. wt., 4 ft. long, nickel plated. **Ea. 30c; p. pd. 40c.**

No. 879—Kennel chain, 6 ft. long, nickel plated, snaps at both ends. **Ea. 75c; p. pd. 85c.**

Whips

No. 1—Braided leather, light weight, natural color, 75c; post paid 85c.

No. 3—Heavy braided leather, snap attached, $1.00; post paid $1.10.

No. 4—Heavy braided leather, snap attached, $1.75; post paid $1.85.

DOG FOODS AND MEDICINES

Rose's Meat and Bone Meal

A Balanced Food for Dogs and Puppies

Fed in its dry state; cooked as oatmeal; baked as bread, or made into a thick mush.

PRICES:

10 lbs.........70c; post paid 95c
25 lbs......$1.40; post paid $1.95
50 lbs.......$2.50; f. o. b. Memphis
100 lbs.......$5.00; f. o. b. Memphis

Rose's Prepared Feed

IN TIN CANS

Handy for hunters, travelers and stay-at-homes. Contains everything a dog needs to keep him in perfect condition. Ready to be served.

1 can....15c; post paid 20c
6 cans .75c; post paid 90c
12 cans........$1.25; post paid $1.50
1 case, 48 cans..$4.75; express extra

Sergeant's Dog Medicines

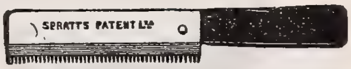
Don't wait until disease has taken so secure a hold that it can not be eradicated. This is characteristic of many dog owners, The "go-off-and-eat-grass-and-get-well" theory doesn't apply when medicines can be obtained.

Don't overlook the fact that worms destroy more puppies than does any other thing. But worms can be removed. To assist you in your problem we will mail free of charge Polk Miller's Dog Book, a complete and valuable manual. Among other useful items it contains a complete chart showing what ails your dog, the common symptoms and what to do for him.

Postage on any of the medicines below is 10c extra.

SPECIAL MEDICINE—For Distemper	$1.20
MANGE MEDICINE	.65
CONDITION PILLS	.60
SURE SHOT CAPSULES—For Worms	.60
SURE SHOT LIQUID—For Worms	.60
PUPPY CAPSULES—For Worms	.60
TAPE WORM MEDICINE	.60
ARSENIC AND IRON PILLS (Comp.)	.60
CANKER WASH	.60
MOUTH WASH (Sore Mouth and Black Tongue)	.60
PEPSIN TABLETS (Comp.)	$ .60
EXPECTORANT MEDICINE—For Coughs	.60
DIURETIC PILLS—For Rheumatism	.60
LINIMENT	.60
EYE WASH	.60
LAXATIVE CAPSULES	.60
CARBOLIC TAR SOAP	.25
SKIP-FLEA SOAP	25
SKIP-FLEA POWDER	.25
INTESTINAL ASTRINGENT—For Diarrhoea	.60

Combs



No. 10 Stripping Comb

No. 0—Flea comb, each $1.50; post paid $1.60.
No. 9—Grooming comb, each $1.50; post paid $1.60.
No. 10—Stripping comb, each $1.50; post paid $1.60.
No. 11—Stripping comb, double blade, each $2.50; post paid $2.60.

Locks

No. 1—Fits any collar, light weight, 25c; post paid 30c.
No. 2—Fits any collar, medium weight, 45c; post paid $50c.

Brushes

No. 0—Small bristle, each 75c; post paid 85c.
No. 132—Bristle, strap handle, each $1.25; p. pd. $1.35.
No. 2—Bristle, imported, wood handle, each $1.75; post paid $1.85.
No. 3—Strap handle, bristle with copper center, for long hair breeds, each $1.50; post paid $1.60.

Accessories

Rubber Balls—For exercising, imported from England and with great resistance to hard usage, each 40c; post paid 50c.

Rubber Bones—Something to gnaw on. Worth the money, each 50c; post paid 60c.

Sanitary Bones—Natural bones, chemically treated, polished and made attractive to the dog, each 75c; post paid 85c.

Pedigree Blanks Sent on Request

If you need pedigree blanks for registering your next litter with the American Kennel Club we will furnish them without charge. Please be considerate, however, and do not ask for more than you actually need.

Bennett's Biscuits

"Dogs Bark For It"
BENNETT'S
MALTOID
MILK-BONE
BONE SHAPED
PUPPY
BISCUIT
Appetizing - Nourishing
F. H. BENNETT BISCUIT CO.

PUPPY BISCUITS

Especially prepared for puppies. Easily digested. Per box, 40c; post paid 50c.

DOG BISCUITS

Have more food value than the puppy biscuits. Keeps dogs in good condition. Per box 40c; post paid 50c.

Schwill's Special Remedies

The following remedies have been used by us and have been found to be satisfactory. They carry our special recommendation.

Pulvex, odorless flea and lice powder, for dogs, cats and birds, 50c; post paid 60c.

Delcreo, for distemper, black tongue, pneumonia, colds, etc., $1.50; post paid $1.60.

Carbon Tetrachloride, for hookworm and running fits, capsules, small box 50c; post paid 60c. Large box $1.00; post paid $1.10.

Sixty-Minute Worm Remedy, for dogs, cats, foxes; 6 capsules, 50c; post paid 55c.

Kur-Mange, effective for many parasitical skin diseases on dogs and cats. Mixed with water, 75c; post paid 85c.

Worm Tablets, for cats, 60c; post paid 65c.

Cedar Sawdust Bedding

Acts as an absorbent and vermin repellant. Clean and handy and has pleasant odor. Prices—

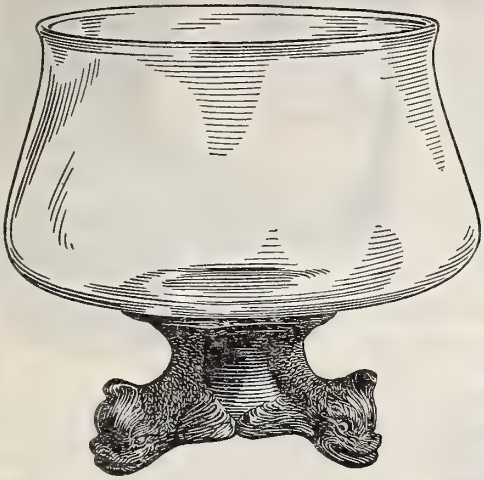
5 lbs. 30c; post paid 45c.
10 lbs. 50c; post paid 75c.
25 lbs. $1.10; post paid $1.45.
50 lbs. $1.95; express extra.
100 lbs. $3.75; express extra.

Calcum, Bone Builder

Makes puppies grow strong and healthy. Calcum takes the place of green bone food and prevents acid milk and rickets, or softening of the bone. Fed to the matron before and after whelping. Pkg. $1.00; post paid $1.10.

GOLD FISH AND SUPPLIES

Style E Crystal Glass Bowls

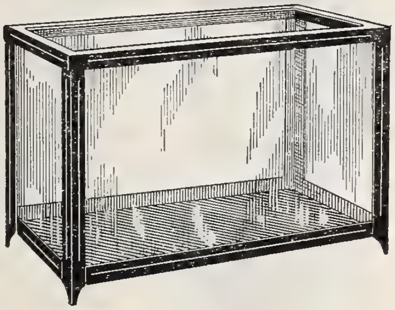


Made in clear crystal glass, as pictured, with gloss black Dolphin base. Capacity 2½ gallons. Price, bowl and base

$2.50

Style 100 Aquariums

Made with steel frames, slate bottoms, electrically welded, corners crystal glass. Finished in green.



	Size Inches	Capacity Gals.	Price
No. 101	10x 6x 7	1.8	$2.30
No. 102	12x 7x 8	2.5	4.60
No. 103	14x 8x10	4.8	5.95
No. 104	16x10x11	7.0	6.95

F. O. B. MEMPHIS

Gold Fish Bowls, Round

Made of clear glass, four sizes.

2-Quart	$ .25
4-Quart	.45
2-Gallon	.90
3-Gallon	1.75

Cannot be mailed; must go by express, at buyer's expense.

Fish Food, Moss, Etc.

Natural Fish Food, pkg.	10c; post paid 15c
Wafer Fish Food, pkg.	10c; post paid 15c
Aquarium Moss	15c; post paid 20c

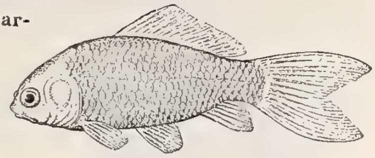
Aquarium Accessories

White pearl chips, box	15c	Draining device	95c
Colored pearl chips, box	15c	Feeding triangle	20c
Sea shells, each	15c	Glass lily bulbs	15c
Dip nets, each	20c	Deep Sea Diver	35c
Floaters (ducks, swans, etc.) each	15c		

Postage, 10c extra.

Common Gold Fish

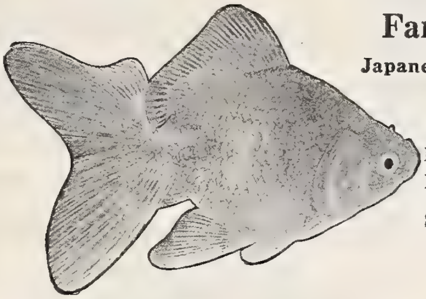
The well known bright scarlet and gold color.



Small, each	15c
Medium, each	25c
Large, each	50c

Shipping bucket, 15c extra.

Fancy Gold Fish



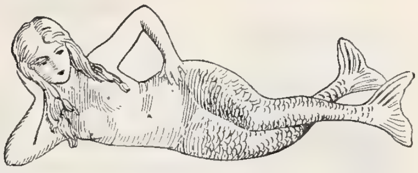
Japanese Fantails and Comet Tails

Small, each	50c
Medium, each	75c
Large, each	95c

Shipping bucket, 15c extra.

Colored Bisque Figures

Popular for aquarium use. Modeled with delicate and artistic detail. Imported.



MERMAIDS

Colored and as illustrated. Small, each 50c; medium, each 95c. Post paid 10c extra.

BATHING BEAUTIES

In striped suits and gaudy colorings. Each 95c; post paid 10c extra.

NUDE MODELS

In flesh color, posing contentedly without the worry of clothes. Our leading seller. Small, each, 50c; medium, each 60c; post paid 10c extra.

FISHER BOY

Designed to sit on the edge of an aquarium or globe. The life-like pole, held in the boy's hands, is equipped with a real line and floater. Each 55c. Post paid 15c extra.

BOY AND GIRL

Same as above except boy has girl beside him. Each $1.25; post paid $1.35.

JAPANESE FLOWERS

When dropped into water they open and remain in bloom. Prices 15c and 20c; postage 5c extra.

Aquarium Castles

Made in too many odd shapes, colors and sizes to permit description here. Prices 15c, 20c, 35c, 50c and $1.00. Postage 10c extra.

Health Dip

A preparation for the conditioning of gold fish suffering from fungus, tail rot, parasites and overfeeding, box 25c; post paid 30c.

Aquarium Cement

For stopping leaks and for general repair. Small size 30c; post paid 35c. Large size $1.20; post paid $1.30.

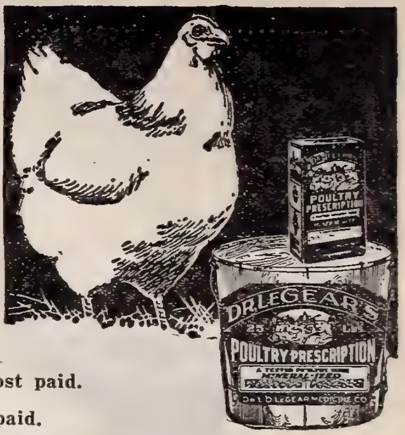
Gold Fish Bait for Fishing

Some gold fish fail to turn gold. Instead they remain silver and as such we sell them for fish bait—and by the thousands, too. It's the cheapest and most satisfactory bait you can buy.

River minnows at $2.00 per 100 die so fast that they actually cost 5c each. Gold fish minnows don't. Anglers catch as many as eight fish with the same bait and bring home their unused bait for the following week. If you don't believe it ask some one who has used them.

Prices—25 for $1.50; 50 for $2.50; 100 for $4.50, f. o. b. Memphis. Shipping buckets extra, 25c for 25 fish; 50c for more than 25.

Dr. Legear's Poultry Remedies


POULTRY PRESCRIPTION
DR LEGEAR'S
25
POULTRY PRESCRIPTION
Dr. L. D. LeGEAR MED. CO.

POULTRY PRESCRIPTION—Tonic, appetizer and conditioner, containing mineral and vegetable ingredients. **1½ lbs. 40c; 3¾ lbs. 75c; 8 lbs. $1.45; 25 lbs. $3.90, post paid. Not prepaid, 1½ lbs. 30c; 3¾ lbs. 60c; 8 lbs. $1.20; 25 lbs. $3.50.**

LICE POWDER—Rids poultry of lice, **30c; or 35c post paid.**

CHICK TABLETS—Beneficial as intestinal astringent, **50c; or 55c post paid.**

WORM POWDER—For round worms, to be mixed with mash feeds, **pkg., 4 lbs. $1.00; or $1.15 post paid.**

WORM PILLS—For individual treatment for round worms, **pkg., 50 pills 50c; 120 pills $1.00; or 55c and $1.10 post paid.**

DIP AND DISINFECTANT—Keeps poultry houses sanitary, **qt. 75c; gal. $2.00, f. o. b. Memphis.**

KAMALA PILLS—For individual treatment for tape worms, **pkg. $1.00; or $1.10 post paid.**

STOCK POWDER—For horses, cattle, sheep and hogs, **3¾-lb. pkg. 60c; or 75c post paid.**

Russell's Poultry Products

(SOLD ON MONEY-BACK GUARANTEE)

Russell's WormR

RUSSELL'S
WORMR
MIX WITH FEED
FOR EXPELLING WORMS
AND OTHER INTESTINAL PARASITES
L.D. RUSSELL CO
KANSAS CITY MO.

WormR will get round, tape or pin worms, which cause big losses annually. Wormy fowls can not show results, regardless of care and feeding.

PRICES:

WORMR in Powder Form

Enough for 80 hens.....**65c; post paid 75c**

Enough for 160 hens..**$1.00; post paid $1.10**

WORMR in Tablet Form

Individual Treatments, 100 Tablet bottle............**$1.00; post paid $1.10**

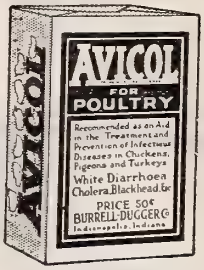
Individual Treatments, 1,000 Tablet bottle...............**$9.00; post paid $9.25**

Russell's Kurum

Kurum is a germ killer, put in the drinking water, for growing stock, layers, breeders and moulting stock. **Prices, ½ pint 65c; pint $1.00; gallon $5.00. Post paid, ½ pint 75c; pint $1.15.**

Revenge Lice Destroyer

Revenge Lice Destroyer is put in the dust boxes, in the nest and on the roosts. **Prices, ½-lb. can 65c; 3-lb. can $1.00; 6-lb. can $1.75. Post paid, ½ lb. 75c; 3 lbs. $1.10; 6 lbs. $1.95.**


AVICOL
AVICOL
FOR POULTRY
Recommended as an Aid in the Treatment and Prevention of Infectious Diseases in Chickens, Pigeons and Turkeys
White Diarrhoea Cholera, Blackhead, Etc
PRICE 50¢
BURRELL-DUGGER Co
Indianapolis, Indiana

Avicol

A safe and effective remedy in tablet form for White Diarrhea, Cholera, etc., in small and large grown fowls. Avicol is now being used by thousands of successful poultry raisers the world over. Write for circulars. **Price, 50c and $1.00 per pkg., post paid.**

T. S. F.

Talcimized Sodium Fluoride is made especially for poultry and carries the Government's directions for applying. **Price 35c (enough to treat 50 chickens). Post paid, 40c.**

Chinese
DON SUNG
TABLETS FOR EGG LAYING
Price 50¢
BURRELL-DUGGER CO

Don-Sung

Makes Hens Lay More Eggs.

Don Sung (Chinese for egg-laying) is given in the feed and doesn't force or burst the hen in any way; in fact, it makes her healthier. It is a new scientific discovery for hens, that merely stimulates the egg organs, making them strong and vigorous and as a result they lay regularly in any season. **Price, per box, 50c; large size, $1.00, post paid.**

POULTRY FEED, SHELL, BONE AND GRIT

100 LB.
MICA CRYSTAL GRIT
MANUFACTURED BY
OTTO SCHWILL & Co.
MEMPHIS, TENN.

Grit for Poultry

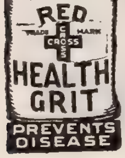
Should be fed in hoppers or boxes to aid digestion. Two sizes, fine and medium, **10 lbs. 50c, post paid. Not prepaid, 10 lbs. 25c; 50 lbs. 75c; 100 lbs. $1.25.**

Granulated Poultry Bone

Especially valuable as an egg maker and prevents leg weakness in young chicks. Two sizes, fine and medium, **3 lbs. 35c, post paid. Not prepaid, 3 lbs. 25c; 25 lbs. $1.50; 100 lbs. $5.00.**

Meat Meal or Tankage

Especially prepared for feeding hogs and animals. High in protein, producing muscle and sturdy growth. **100 lbs. $4.95, f. o. b. Memphis.**

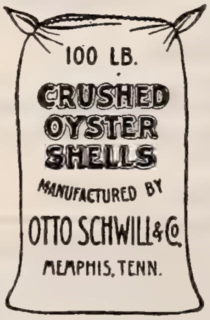

100 LBS
RED CROSS
TRADE MARK
HEALTH GRIT
PREVENTS DISEASE

Red Cross Pigeon Grit

Especially for pigeons. A tonic and grit combined. Pigeon fanciers say it's the best preparation of its kind. **6 lbs. 30c; 50 lbs. $1.75; 100 lbs. $3.25. Post paid, 5 lbs. 40c, not past 3rd zone.**

Darling's Meat Scraps

Feed mixed with meal or bran, at the rate of ¼ lb. beef scraps per day to a dozen hens. **3 lbs. 25c; 25 lbs. $1.50; 50 lbs. $2.85; 100 lbs. $5.50. Post paid, 3 lbs. 35c.**


100 LB.
CRUSHED OYSTER SHELLS
MANUFACTURED BY
OTTO SCHWILL & Co.
MEMPHIS, TENN.

Crushed Oyster Shell

Used as an egg shell maker and to promote good health. Two sizes, fine and medium, **10 lbs. 50c, post paid. Not prepaid, 10 lbs. 25c; 50 lbs. 75c; 100 lbs. $1.25.**

Charcoal

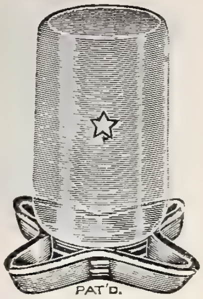
Nothing equals charcoal as a disease preventative. Keeps birds healthy, rugged and bright. **2 lbs. 25c, post paid. Not prepaid, 2 lbs. 15c; 25 lbs. $1.50; 50 lbs. $2.50; 100 lbs. $4.50.**

Alfalfa Clover Meal

Among those who are unable to obtain a plentiful supply of green stuff, Alfalfa Meal should fill a long-felt want, it being an excellent substitution and a nutritious food. **Price, 7 lbs. 25c; 50 lbs. $1.50; 100 lbs. $2.50, f. o. b. Memphis.**

POULTRY DRINKING FOUNTAINS

Star Jar Fountain and Feeder

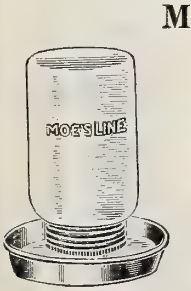


Convenient, practical, low in price, and durable. Made of a single piece of heavy non-rusting metal. No seams, no solder, no loose parts. Can not leak. Provides a greater drinking surface than the round fountains. Can be used for feed as well as water. Little chicks can not drown. Made in one size only, which will fit any Mason jar, 1 pint, 1 quart and 2 quarts. We do not furnish the jars. **Price, No. 32 Star Fountains, each 10c. Post paid, each 15c.**

Star Fountain No. 133

Same pattern as No. 32, described above, but constructed of tin. Designed especially for buttermilk and mashes. Made in one size only and will fit any Mason jar. We do not furnish the jars. Price, No. 133 Star Fountain, each 15c; 6 for 75c. Post paid, each 20c; 6 for 90c.

Mason Jar Fountains

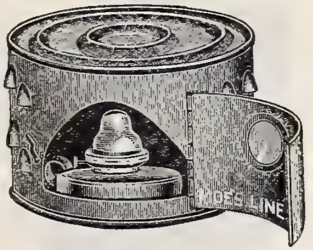


Constructed so that an abundance of water is always in the pan. Screw cap is welded to the steel pan and fits any Mason jar. Enamel on BM25 is acid and weather resisting. We do not furnish the jars.

GF25—Galvanized, each 10c; post paid 15c.

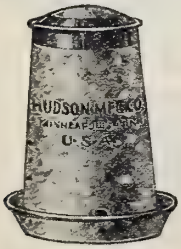
BM25—Green enamel, each 15c; post paid 20c.

Fountain and Brooder Heater



Can be used with all styles of fountains and prevents water from freezing. It is also an excellent heater for small brooders. The lamp fount or bowl holds sufficient kerosene to burn continuously for seven days. Simple and safe, nothing to get out of order. Height, 7 in. Diameter, 11 in. Price, No. 10, Fountain and Heater, each $1.90. Post paid, $2.10.

Bottom Fill Fountains


HUDSON MFG. CO.
MINNEAPOLIS
U.S.A.

Made from heavy galvanized steel, two piece, cone shape, easily filled and cleaned. Inexpensive, but accurately made. In three sizes.

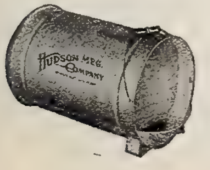
BF1—1 quart, each 25c; post paid 35c.

BF2—2 quarts, each 40c; post paid 50c.

BF4—1 gallon, each 55c; post paid 70c.

Single Wall Waterer

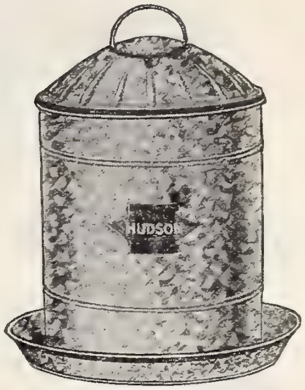
About 75% of the body of the fowl or chick is water and without a constant supply of clean water no chick can grow properly, lay well, or put on fat for market. This fount can be carried like a pail and will not spill when put into position.



SF2—2 gallons, each $1.25; post paid $1.40.

SF3—3 gallons, each $1.50; post paid $1.65.

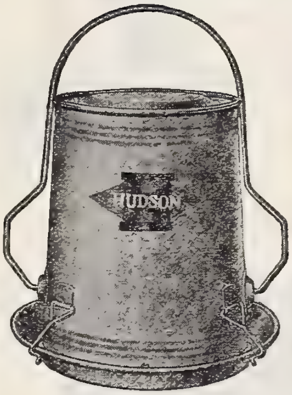
Double Wall Waterer



This double wall waterer is top filled. Keeps water cool in the summer and retards freezing in the winter. Small automatic valve prevents pan overflowing while being filled.

CW5—5 gallons, each $3.00; post paid $3.25.

Handy Fill Fountain



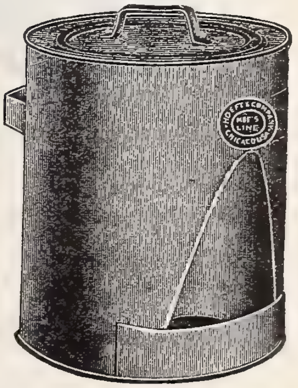
Made of heavy galvanized iron in two pieces. The top is made with two way swinging bail which permits fountain to be carried either filled or in filling position. Designed for small chicks, yet provides a sufficient amount of water and drinking space for grown fowl.

CW2—2 gallons, each $1.20; post paid $1.35.

CW3—3 gallons, each $1.50; post paid $1.65.

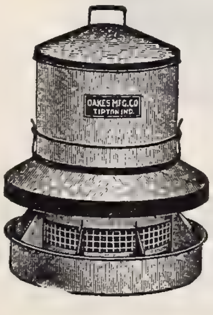
Wall Fountain

CAPACITY 5 GALLONS.



A large capacity fountain, made of heavy, tight coated, galvanized iron. Easy to fill and nothing about it to get out of order. This style appeals to many breeders, as it provides a strong, substantial wall fountain at a low price. Height 13 in. Diameter 11 in. Capacity 5 gallons. **Price, No. 74, Wall Fountain, each $1.75. Post paid, $1.95.**

Round Pigeon and Chick Hoppers


OAKES MFG. CO.
TIPTON, IND.

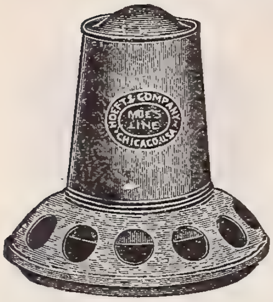
Pigeon and Chick Hopper

Made of galvanized steel and the galvanized wire grating is adjustable up and down, to regulate the feed.

A neat, practical, and durable hopper. Height, 13½ inches; diameter of hopper, 7½ inches; diameter of pan, 10½ inches. Price, each $1.75. Post paid. $2.00.

FEEDERS, HOPPERS AND GRIT BOXES

Magazine Feeder and Waterer

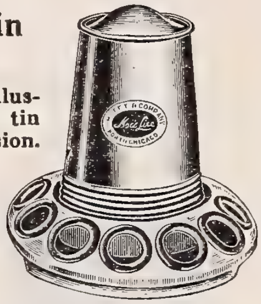


This is an excellent round feeder with a magazine or container to hold a good quantity of feed. The upper magazine is fitted to the feeder top with a spiral thread so it can be adjusted up or down to feed the various kinds of grain. It is water and airtight and also may be used as a drinking fountain. Diameter 8¼ in.; height 8½ in.; capacity 2 qts. Number of feeder holes, 12.

No. 18 feeder, each 50c; post paid 65c.

Adjustable Milk Fountain

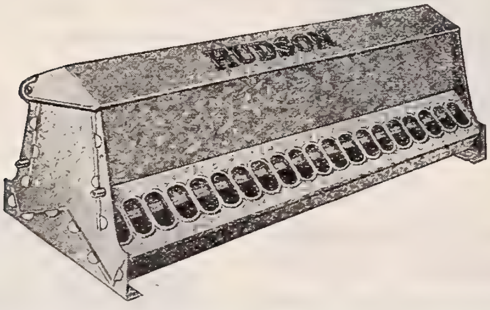
MADE OF TIN



Patterned after No. 18 feeder, illustrated above, but constructed of tin plate to prevent rust and corrosion. Adjustable up and down to feed slowly or rapidly, for any kind of milk or feed. Capacity about two quarts. Has 12 feeder holes.

No. 139 Fountain, each 65c; post paid 75c.

Capacity Chick Feeder

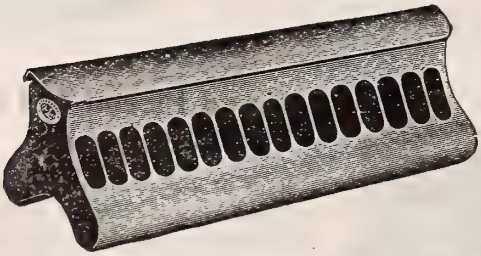


Sloping hinged top prevents roosting. V-shaped bottom throws feed toward outside and prevents clogging. Adjustable guard regulates quantity.

CF24N Feeder—Capacity 10 lbs., length 24 inches, 34 openings, each $1.35; post paid $1.55.

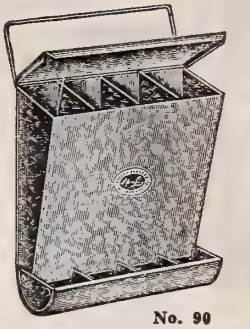
CF36N Feeder—Capacity 15 lbs., length 36 inches, 54 openings, each $1.80; post paid $2.05.

Large Capacity Feeder

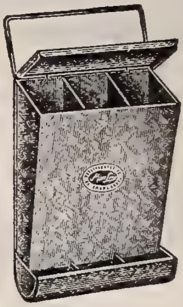


Wonderful feeder for young growing stock. Has sliding top cover; is easy to fill and clean; has 16 openings on each side so that 32 chicks can feed at one time. The birds cannot roost on the cover or sides, so it is impossible to foul the feed. Made of heavy galvanized iron; length 21 in.; width 8½ in.; height 7 in.; capacity 10 qts.

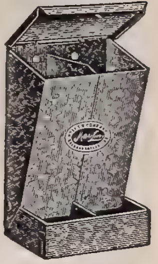
No. 140—Chick Feeder, each $1.10; post paid $1.30.



No. 90



No. 9



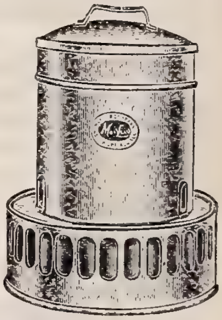
No. 45

Grit and Shell Boxes

Grit, shell and charcoal have now become a recognized essential part of the diet, insuring healthy fowls, and it cannot be more economically supplied than in one of these triple compartment boxes.

No. 45, 2 Compartments, for chicks.....$ .40; post paid $ .50
No. 9, 3 Compartments, for hens...... .80; post paid 1.00
No. 90, 4 Compartments .... 1.00; post paid 1.20

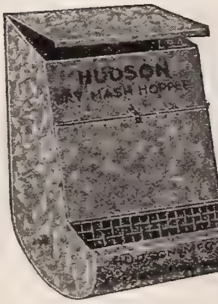
Peerless Feeder



For chicks and growing fowl. The hopper is adjustable for different kinds of mash and feed and can be set to feed slowly or rapidly.

No. 192 Feeder—Capacity 10 qts., 30 feeder holes, 12 inches high, each $1.35; post paid $1.55.

Wall Mash Hopper



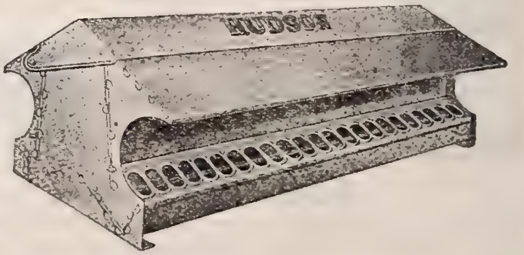
Arranged to hang on the wall and need never be removed. When both covers are closed it is rat, mouse and weather proof.

MH1 Hopper—Capacity 10 qts., width 9 inches, each $1.50; post paid $1.65.

MH2 Hopper—Capacity 14 qts., width 12 inches, each $2.00; post paid $2.20.

MH3 Hopper—Capacity 32 qts., width 18 inches, each $2.35; post paid $2.55.

One Bushel Feeder



Will take care of growing birds and also baby chicks and growing turkeys. Made with one-piece combination rain shield and side wall. Can be placed on ground or on low stand. Total width of feeder 17 inches; total height 12 inches; length 30 inches.

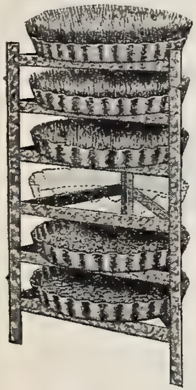
CF1B Feeder—Capacity one bushel, each $2.70; post paid $3.00.

CHICKS—NEST EGGS—COOPS—MILLS

Schwill's Baby Chicks

We honestly think that we sell more baby chicks than any other firm in the South. And we handle only the best.

Prices change each month. Write us when you are ready to buy, and remember we guarantee 100 per cent alive delivery.

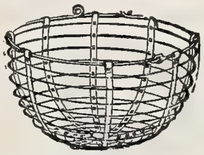


Oat Sprouter

Six pans. Five have perforated bottoms for drainage and are interchangeable. For best results place sprouter near the furnace or in a room with temperature of 65 to 70 degrees. Soak oats in warm water for about 12 hours, then fill trays to depth of one inch. Diameter pans 16 inches, height each 2 inches.

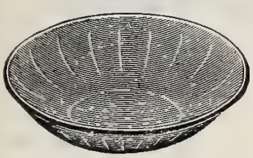
No. 6—Oat Sprouter, each $3.75. Post paid $4.10.

Wire Hen's Nest



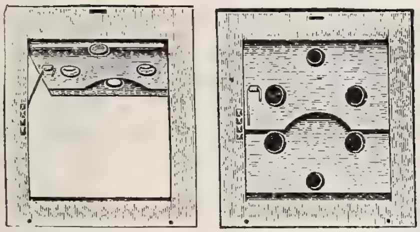
They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are to be filled with straw. **Each 25c; doz. $2.90. Post paid, each 35c; 12 for $3.20, not past 3rd zone.**

Pigeon Nests



Made of galvanized steel. **Diameter 8 in. with a small hole punched in center so it can be tacked to a board. Generally used in pairs. Light in weight, yet substantial, and easily cleaned. No. 107 Pigeon Nests. each 15c. Post paid, each 20c; 6 for $1.00.**

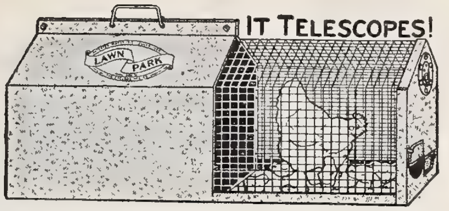
Trap Nest Front



Can be fitted easily to any box or coop and gives the breeder the opportunity to use a size nest best adapted to his birds. The entire front or frame is hinged at the bottom, allowing it to swing forward, to give a full size opening, making it easy to clean the nest or to remove the hen. Dimensions, 11 in. wide, 12 in. high. Size of opening 8x9 in.

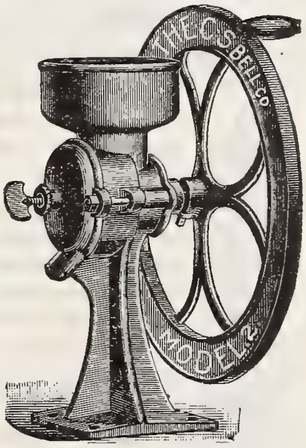
Price, No. 63 Trap Nest, each 50c; 12 for $6.00. Post paid, each 60c; 12 for $6.50.

Extension Brood Coop



Gives the chicks sunshine, fresh air, grass and protection from all enemies. This coop is made to telescope, therefore affords chicks roving space, yet they are safe. Has removable bottom, makes cleaning easy; sanitary; keeps out lice and mites, and gives ample ventilation. Size coop, closed 18x24 inches. When open with park extended, 18x48 inches. **Price, each $4.00, f. o. b. Memphis.**

Model Grinding Mill



One of the best all-round mills yet produced. They are designed for grinding wheat, making graham flour and corn meal for family use. Grinds feed, either fine or coarse, for chickens; also shells, roots, salt, charcoal, etc. Capacity about as follows, depending on the condition of grain and fineness: No. 1, ½ to 1 bu. per hour; No. 2 ¾ to 1½ bu. per hour; No. 3, 1 to 2 bu. per hour.

Prices and Sizes f.o.b. Memphis

No. 1—Height 13 inches	**$3.50**
No. 2—Height 16 inches	**6.00**
No. 3—Height 18½ inches	**7.50**

Nest Eggs

Knox Lice Medicated Nest Eggs—These eggs are a perfect imitation of the hen's egg, containing a powerful disinfectant, which keeps all lice, mites, etc., out of nest and off the hen. **Each 8c; doz. 75c. Post paid, each 15c; doz. 90c.**

Lime Nest Eggs—Non-breakable, antiseptic. A perfect shape, making it a splendid and lasting accessory. **Doz. 40c; post paid, doz. 50c.**

Porcelain—These are made of first-class glass. They will not break easily and will last a lifetime. **Doz. 40c. Post paid, doz. 50c.**

Semi-Solid Buttermilk

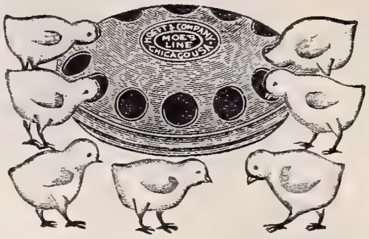
It helps to prevent all kinds of nutritional troubles and aids digestion and assimilation of other foods, acting as a protective tonic and conditioner. It gives more eggs per year, without burning out the hens; more live chicks per setting and less mortality.

Feed diluted one part to seven parts water for baby chicks, growing chicks and mature poultry the year 'round or spread it on a clean board and feed it straight.

Prices—10 lb. can $1.10, post paid. Not prepaid, 10 lb. can 85c; 5 gal. can $3.90.

FEEDING TROUGHS AND PARTS

Round Baby Chick Feeder



Used for water, chick feed, buttermilk and sweet milk, mash and grit. Galvanized and also enamel finish.

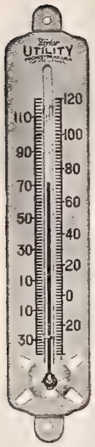
GR8—Galvanized, 8 holes, each 10c; post paid 15c.

BMR8—Enameled finish, 8 holes, each 15c; post paid 20c.

GR12—Galvanized, 12 holes, each 20c; post paid 25c.

BMR12—Enameled finish, 12 holes, each 30c; post paid 35c.

Incubator and Brooder Thermometers



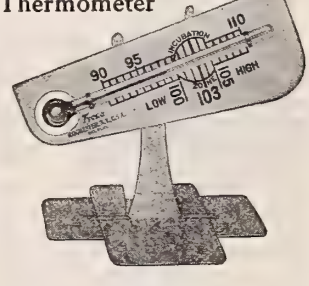
Buckeye Incubator thermometer, each $1.00; post paid $1.10.

No. 5776 Tycos incubator thermometer, magnifying lens, white enamel scale, each $1.00; post paid $1.10.

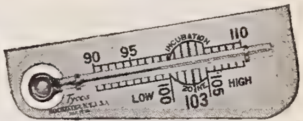
No. 5792 Tycos brooder thermometer, each 95c; post paid $1.05.

Utility, for general usage, each 75c; post paid 85c.

No. 5776
Tycos Incubation-Zone Thermometer

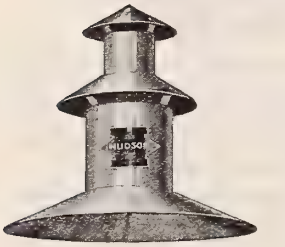


When used with Stand



When used without Stand

Flat Roof Ventilator



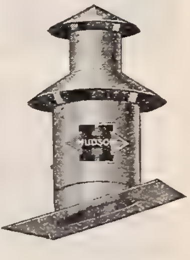
Combination pipe cap and ventilator for flat roofs. Adjustable base. Made of galvanized iron with aluminum finish.

CBR8 Ventilator—Each $3.20; post paid $3.45.

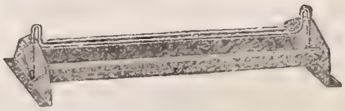
Slant Roof Ventilator

This combination pipe cap and ventilator is intended for slant roofs. Has adjustable base and is of galvanized iron with aluminum finish.

CBA8 Ventilator—Each $3.00; post paid $3.25.



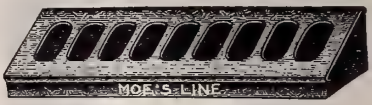
Chick Feed Trough



V-shaped bottom and flanged edge prevents waste of feed. Wire top guard adjustable. Length 18 inches.

OF18 Feeder—Each 25c; post paid 35c.

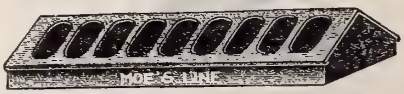
Moe's Single Feeding Trough



For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top.

No. 55—12 inches, 9 holes	**25c;**	**post paid 35c**
No. 56—18 inches, 13 holes	**35c;**	**post paid 45c**
No. 57—24 inches, 18 holes	**45c;**	**post paid 55c**

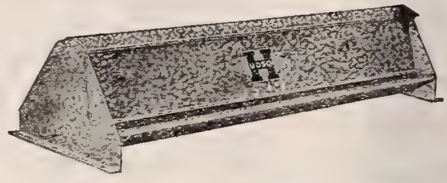
Moe's Double Feeding Trough



Double trough with sliding top, easily filled and cleaned Accurately stamped with dies. No rough edges.

No. 58—12 inches, 18 holes	**30c;**	**post paid 40c**
No. 59—18 inches, 26 holes	**45c;**	**post paid 55c**
No. 60—24 inches, 36 holes	**60c;**	**post paid 70c**

Capacity Chick Feeder



Capacity feeder for growing chicks. Inverted V-shape of hopper prevents clogging. Made of galvanized iron.

CF20 Feeder—Length 20 inches, each 60c; post paid 70c.

CF30 Feeder—Length 30 inches, each 85c; post paid 95c.

Bought Fine Chicks

"I bought 100 chicks from you and raised 97 of the lot. I thought they were fine."—JOHN CROSS, Memphis, Tenn.

Parts for Blue Flame Brooders

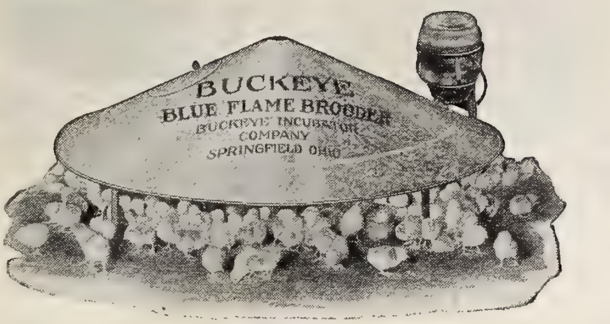
Wicks, No. 20, for No. 27 Brooder	**$ .40;**	**post paid $ .50**
Wicks, No. 30, for No. 28 and No. 29 Brooders	**.65;**	**post paid .75**
Oil jug, with automatic valve	**1.50;**	**post paid 1.75**
Automatic valve for oil jug	**.50;**	**post paid .60**
BF 1271—Burner with wick, for 27-A, 80, 81	**5.00;**	**post paid 5.25**
BF 1281—Burner with wick, for 28-A, 29-A	**7.50;**	**post paid 7.75**
BF 1272—Burner drum complete, for 27-A, 80, 81	**2.50;**	**post paid 2.65**
BF 1282—Burner drum complete, for 28-A, 29-A	**3.00;**	**post paid 3.15**
Canopy complete for 27-A	**6.50;**	**express extra**
Canopy complete for 28-A, 80	**9.00;**	**express extra**
Canopy complete for 29-A, 81	**11.00;**	**express extra**

Parts for Colony Stove Brooders

No. 117—Stove only	**$11.00;**	**express extra**
No. 117—Canopy only	**5.50;**	**express extra**
No. 118—Stove only	**14.00;**	**express extra**
No. 118—Canopy only	**7.50;**	**express extra**
No. 119—Stove only	**17.50;**	**express extra**
No. 119—Canopy only	**9.00;**	**express extra**
Wafer Thermostat, fits all sizes	**50c;**	**post paid 60c**

BROODERS AND INCUBATORS

Buckeye "Blue Flame" Oil-Burning Brooder



No. 27-A		200 Chicks	$16.75
No. 80	(Formerly No. 28-A)	350 Chicks	17.50
No. 81	(Formerly No. 29-A)	500 Chicks	18.50

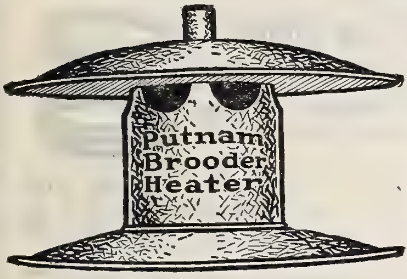
"Makomb Jr." Electric Brooder

80 CHICK CAPACITY

The best low priced electric brooder; uses ordinary lamp bulb, attaches to any socket. The Jr. is entirely practical despite its low price. Using only a 40 watt bulb it will maintain brooding temperatures when the outer air drops as low as freezing. For general use the 25 watt bulb will be found quite sufficient. Diameter 23 inches.

Price each, $3.00; post paid $3.25.

Putnam Brooder Heater



The Putnam Brooder Heater is designed for the man who wants to have a home-made brooder. Each heater accompanied by building instructions. So constructed that it carries out the foul air and draws in the fresh air, automatically. Requires filling once a week. **Price, $4.75 post paid.**

Buckeye Incubators

No. 14—Style E	65 eggs	55 lbs.	$ 16.50
No. 16—Style E	120 eggs	85 lbs.	27.50
No. 17—Style E	210 eggs	125 lbs.	36.75
No. 1—Standard	120 eggs	110 lbs.	37.50
No. 2—Standard	175 eggs	135 lbs.	44.50
No. 3—Standard	250 eggs	200 lbs.	57.75
No. 4—Standard	350 eggs	230 lbs.	68.00
No. 5—Standard	600 eggs	325 lbs.	107.00

Buckeye Incubator Parts

Lamp bowls for all incubators	$1.00;	post paid	$1.15
Lamp burner, No. 35 (For incubators Nos. 1, 2, 14 and 16)	.75;	post paid	.85
Lamp burner, No. 300 (For incubators Nos. 3, 4, 5 and 17)	1.00;	post paid	1.10
Lamp chimneys for all incubators	.50;	post paid	.60
Lamp wicks, cotton, all sizes (dozen 50c)	.05;	post paid	.05
Lamp wicks, felt, all sizes (3 for 25c)	10c;	post paid	.10
Buckeye egg-tester	.50;	post paid	.60

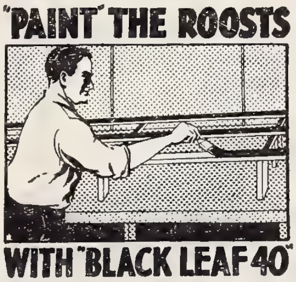
Buckeye Colony Coal-Burning Stove Brooder

BUCKEYE COLONY BROODER
THE BUCKEYE INCUBATOR CO.
SPRINGFIELD, OHIO

No. 117	(Formerly No. 18)	350 Chicks	$14.75
No. 118	(Formerly No. 19)	500 Chicks	18.50
No. 119	(Formerly No. 25)	1,000 Chicks	22.50

Try Your Brooder

Try your brooder before ordering your chicks. Then run it constantly for three days in advance of their arrival. If anything is wrong you'll find out about it in time.



When chickens perch upon roosts that have been "painted" with "Black Leaf 40" fumes are slowly released and penetrate the feathers, killing the body-lice. No discomfort to the birds.

½-lb. bottle	$1.25
Covers 90 to 120 running feet of roost.	
1-oz. bottle	$0.35
Covers 12 to 15 running feet of roost.	

(Cannot be mailed)

ZENOLEUM

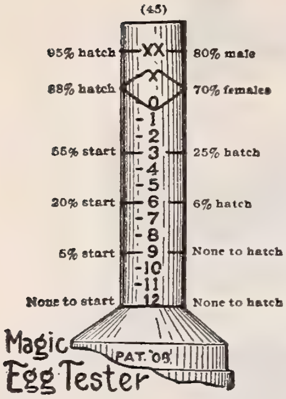
Disinfectant-Dip

This is claimed to be stronger and safer than carbolic acid. It is a disinfectant, sheepdip, insecticide, antiseptic, animal dip and lice killer. Full directions on every can. Without unnecessary additional explanation we can truthfully say that we have found it to be one of the most satisfactory products on the market.

Zenoleum Dip, 8-oz. can	$ .35;	cannot be mailed
Zenoleum Dip, 1-qt. can	.75;	cannot be mailed
Zenoleum Dip, 2-qt. can	1.25;	cannot be mailed
Zenoleum Dip, 1-gal. can	2.00;	cannot be mailed

MISCELLANEOUS POULTRY REQUISITES

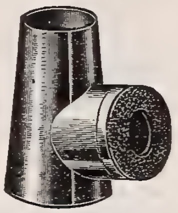
Magic Egg Tester


(45)
95% hatch
XX
80% male
88% hatch
70% females
0
1
2
55% start
3
25% hatch
4
5
20% start
6
6% hatch
7
8
5% start
9
None to hatch
10
11
None to start
12
None to hatch
PAT. 08
Magic Egg Tester

The cut to the left shows the tester minus the fine wire clamps which are attached to the bottom for holding the egg, and which, together with the tester, are dropped in a pail of water. The water-line shows the exact grade. Eggs testing "o" or above are the kind to use for incubation. For example, eggs testing from "o" to "x" hatch to the extent of 88 per cent and 70 per cent of the chicks will be females.

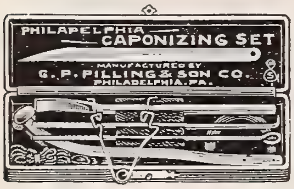
This tester requires no skill or expense to operate—just a pair of hands and eyes. Will grade 400 per hour, and the greatest money-saver in the realm of poultry supplies. Fully guaranteed. **$2.50 each, post paid.**

X-Ray Egg Tester



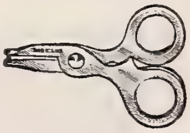
Designed for use on an ordinary hand lamp and fits over any style burner with a diameter approximately that of the tester. Not as good as the Magic, because it isn't in the same class. But, we find it very popular with the small poultry raisers. **Each 30c, post paid 40c.**

Philadelphia Caponizing Set


PHILADELPHIA CAPONIZING SET
MANUFACTURED BY
G. P. PILLING & SON CO.
PHILADELPHIA, PA.

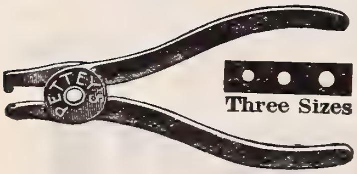
Complete set of directions accompanies each set. Pays for itself in a short while. **Price, per set, $2.50; post paid, $2.65.**

Moe's Ideal Punch



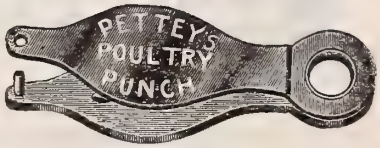
Scissors type, cuts cleanly, does not pinch. Convenient to carry in pocket and lower end is a cigar cutter. Each 50c; post paid 55c.

Lever Poultry Punch


PETTEY
Three Sizes

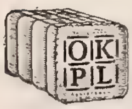
This new lever or plier type of poultry marker, with its hardened ball punch and die, is guaranteed to punch clean and in addition to close edges of hole to prevent bleeding. Each 50c; post paid 55c.

Pettey's Poultry Punch


PETTEY'S
POULTRY
PUNCH

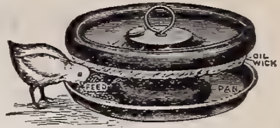
Cuts clean hole with ease. Price 30c, post paid.

O. K. Poultry Litter



Used for baby chicks and grown fowls. It is a deodorizer, disinfectant and absorbs the moisture from droppings. In this state it is valuable as a fertilizer. **Price, 10 lbs. $1.00; post paid $1.25. Bale, about 140 pounds, $5.50, f. o. b. Memphis.**

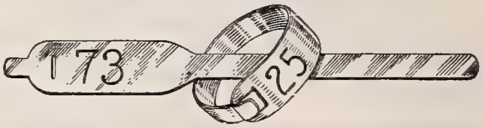
Improved Automatic Chick Greaser


OIL WICK
FEED
PAN

Saves the chicks from vermin. The chicken its own doctor. Will grease 100 chickens in a few minutes. Kills mites, fleas, lice and red bugs. The chicken, while eating out of the pan, rubs against the wick, greasing itself; you don't catch them. Put melted lard in the tank and feed in the pan; set pan in the yard among the chicks and see how quick it works; the chicken and wick come together and the vermin are killed. **No. 1 Machine, for 50 chicks, $1.25, post paid $1.35.**

LEG BANDS

Champion Leg Bands

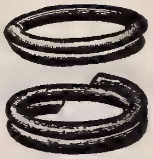


This aluminum band is made in one piece, adjustable to fit any fowl. Held by double lock; it is impossible for them to lose off. Numbered from 1 to 400. Price, doz., 20c; 25 for 30c; 100 for 95c, post paid.

Fine Chicks

"I received my baby chicks and they were all alive and fine and many thanks to you."—R. A. TATE, Route 2, Box 70, Marvell, Ark.

Colored Spiral Leg Bands



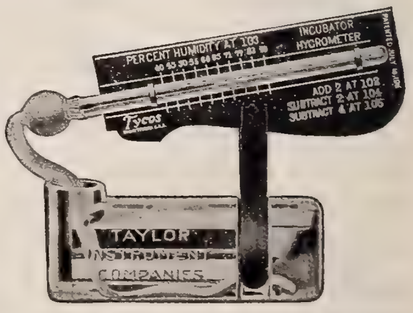
Made in many different colors—red, green, blue, yellow, pink, white, etc. Slip on just like a key ring; no tools required. Will not come off; fowls cannot lose or remove them.

Order by Number—

	12	25	50	100
No. 8—Leghorns, Anconas	$ .20	$ .30	$ .50	$ .80
No. 9—Large Leghorns	.20	.30	.50	.80
No. 10—Minorcas, Wyandottes, Andalusians	.20	.30	.55	.85
No. 11—Plymouth Rocks, Rhode Island Reds, Orpingtons	.20	.35	.60	.95
No. 12—Cochins, Brahmas, Jersey Giants, Langshans	.20	.35	.65	1.10

Postage paid or f. o. b. Memphis.

Incubator Hygrometer

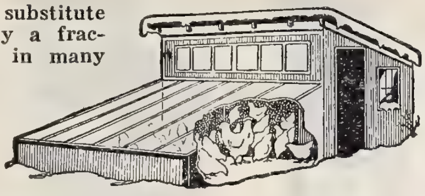

PERCENT HUMIDITY AT 100
INCUBATOR HYGROMETER
ADD 2 AT 102
SUBTRACT 2 AT 104
SUBTRACT 4 AT 105
Tycos
TAYLOR
INSTRUMENT
COMPANIES

The importance of a correct percentage of moisture during incubation makes the incubator hygrometer as necessary as the incubator thermometer. Neither takes the the place of the other, but together they give the practical poultry raiser the facts required for successfully regulating the heat and moisture of the incubator.

Price, each $1.75; post paid $1.90.

EGG CARRIERS, CARTONS, SCREEN GLASS

Glass Cloth



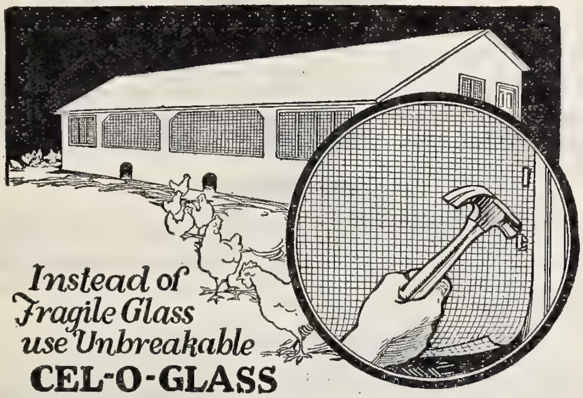
Glass Cloth is a substitute for glass, costs only a fraction as much, and in many ways is superior. It is made by treating extra strong cloth fabric with a special patented formula.

Ideal for scratch sheds, poultry houses, hotbeds and cold frames. Made in rolls 36 inches wide.

1 yd. (9 sq. ft.)	$0.40
10 yds. (90 sq. ft.)	3.50
15 yds. (135 sq. ft.)	5.00
50 yds. (450 sq. ft.)	15.40

Post Paid.

For Your Poultry House


Instead of Fragile Glass use Unbreakable CEL-O-GLASS

Used wherever glass is needed for the transmission of light. Some of its commonest applications are: Hotbeds and cold frame sash, plant protectors, barns and outhouses, greenhouses, windows, doors and skylights, poultry houses, scratch pens and brooders, garage doors and windows.

In rolls three feet wide. Priced by running foot, meaning one foot long by three feet wide.

1 ft. (3 sq. ft.)	$ 0.65;	post paid $ 0.75
5 ft. (15 sq. ft.)	2.50;	post paid 2.65
9 ft. (27 sq. ft.)	4.35;	post paid 4.60
25 ft. (75 sq. ft.)	11.50;	post paid 11.80
100 ft. (300 sq. ft.)	44.00;	express extra

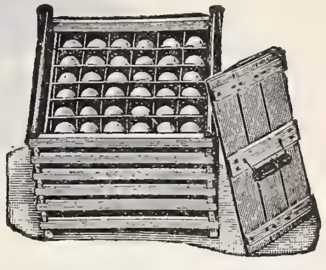
PAINTS AND DISINFECTS AT THE SAME TIME
CARBOLA
Saves Time and Labor
Gives Better Results

Carbola is a white paint and powerful disinfectant combined in powder form. It is ready to use as soon as it is mixed with water. It can be easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. Does not flake or peel off. One pound covers 100 sq. ft.

Price, 5 lb. pkg. 75c; 10 lb. pkg. $1.25; 50 lb. bag $5.00. By parcel post, 5 lb. pkg. 90c; 10 lb. pkg. $1.55, not past 3rd zone.

Humpty Dumpty Egg Carrier

Ship eggs easily without breaking. Customer returns the case by mail knocked down, for it's a Humpty Dumpty folding crate. Distinguished by the red top rails. An exceptional carrier for Parcel Post and Express shipments, 3, 6 and 12 dozen sizes. Strong and durable. No tools required to set them up. Can be used over and over.



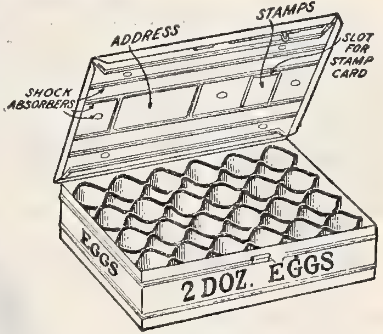
Humpty Dumpty Egg Carrier

3-dozen size	50c;	post paid $ .60
6-dozen size	60c;	post paid .75
12-dozen size	80c;	post paid .99
15-dozen size	90c;	post paid 1.15

Metal Egg Crates

Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

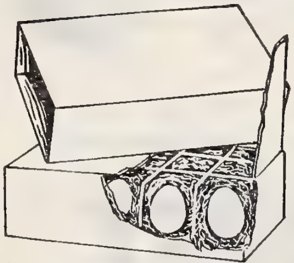
The Metal Edge Filler is a wonder. Recent invention and can not be beat for safely carrying eggs by mail. Light in weight but strong.



Metal Egg Crate

1-dozen size	$1.00;	post paid $1.10
2-dozen size	1.50;	post paid 1.60
3-dozen size	1.75;	post paid 1.90
4-dozen size	2.00;	post paid 2.15
6-dozen size	2.50;	post paid 2.70

Hatching Egg Boxes



For Hatching Eggs

This package may be sealed with gummed tape. Bear in mind that this box is designed particularly for transportation of valuable eggs for hatching. The maximum of safety is assured.

These boxes are printed with forwarding and shipper's address lines.

They are made in the following sizes:

15-egg size	25c;	12 for $2.75
By parcel post	30c;	12 for 2.95
30-egg size	40c;	12 for 4.30
By parcel post	50c;	12 for 4.65
50-egg size	50c;	6 for 2.75
By parcel post	60c;	6 for 3.00

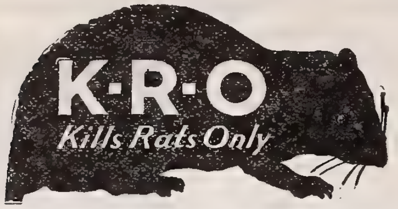
Tuck End Butter Cartons

Made for one-pound square prints, suitable for parcel post shipments. Not corrugated. These cartons are of the finest grade of manila paper, paraffined both sides. Doz. 20c; 100 for 90c. Post paid, doz. 25c; 100 for $1.00.

BUTTER PAPER

In sheets of standard size, 9x12 inches. Prices—100 for 35c; 500 for $1.50, post paid.

RAT POISONS AND PEST-KILLERS

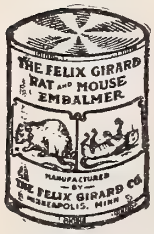

K-R-O
Kills Rats Only

K-R-O will rid your premises of rats and mice without endangering your pets, livestock and poultry. **Box 75c; post paid 80c.**

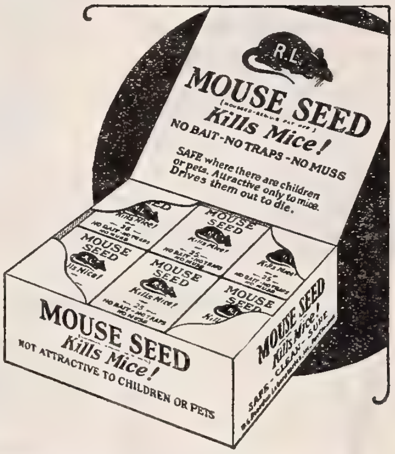
Zelio Paste

Squeeze about an inch of paste on fresh bread and the rats will eat it. **Tube 50c; can not be mailed, poison.**

Red Cross Rat and Mouse Embalmer


THE FELIX GIRARD RAT AND MOUSE EMBALMER
MANUFACTURED BY THE FELIX GIRARD CO. MINNEAPOLIS, MINN.

A sure rat and mouse destroyer that does the work thoroughly and without any odor. It is absolutely one of the best preparations of its kind on the market and having tried it ourselves, we can recommend it to our customers, knowing that it will give satisfaction. Price, 25c and 50c per pkg., by express only, it being a poison and can not be mailed.

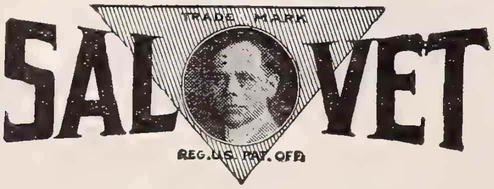

R.L.
MOUSE SEED
Kills Mice!
NO BAIT-NO TRAPS-NO MUSS
SAFE where there are children or pets. Attractive only to mice. Drives them out to die.
MOUSE SEED
Kills Mice!
NOT ATTRACTIVE TO CHILDREN OR PETS

Mouse Seed

Attracts mice only and not injurious to children or pets. Drives them out to die. **Price—Box 25c; post paid 30c.**

Rax Rat Destroyer

Scientific destroyer of rats, mice and all rodents. Not a poison; harmless to human beings and all animals not rodents. They die outside within a few days when you use Rax. **Price, 75c a pkg., post paid.**


TRADE MARK
SAL VET
REG. U.S. PAT. OFF.

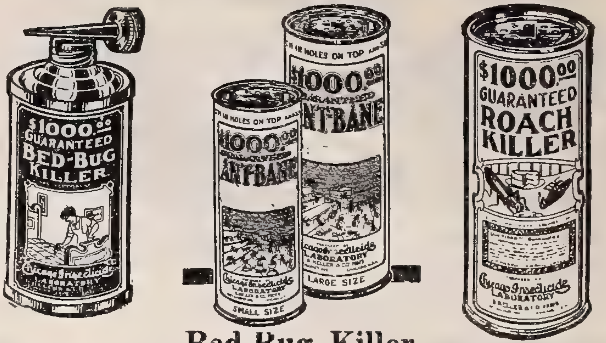
At Half the Old Price

Starting in 1926 we began to sell Sal-Vet Medication and let you make your own Sal-Vet. Each package will tell you how much salt is to be added. In this way you will save half the old price. Sal-Vet is one of the greatest worm destroyers and live stock conditioners on the market and at this new price you can't afford to be without it.

3-lb. pkg. (add 17 lbs. salt)	**$1.00;**	**post paid $1.15**
7½-lb. pkg. (add 42½ lbs. salt)	**2.10;**	**post paid 2.35**
15-lb. pkg. (add 85 lbs. salt)	**3.60;**	**post paid 3.95**

Cow Tonic

Regulator and medicinal tonic. It tones up the digestive and reproductive organs, thereby increasing health and milk and assisting the calving cow. **2 lb. can 50c; post paid 60c; 4½ lb. can $1.00; post paid $1.15.**


$1000.00 GUARANTEED BED-BUG KILLER
$1000.00 GUARANTEED ANT-BANE
SMALL SIZE
LARGE SIZE
$1000.00 GUARANTEED ROACH KILLER
Chicago Insecticide Laboratory

Bed Bug Killer

Considered the nearest thing to certain death science has yet devised. **Kills the bug and the egg; insures peaceful sleep. Positively will destroy bed bugs, mites, ticks and lice in the poultry house; all fleas, ants, weevils, beetles, skippers, meal worms, silver fish and all the ordinary household** insects, when used as directed. 1 pt. pkg. 35c. Cannot be **mailed.**

Roach Killer

This preparation is not poisonous to pet animals or human beings. It affects only such insects as Roaches, Water Bugs, etc., and can be used in the home and pantry with freedom. It is made of perfectly clean materials and has no odor, but it surely will rid any building of Roaches and Water Bugs when properly used. Small size 40c; large size 75c; post paid.

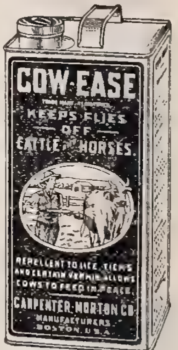
Ant Bane

Will rid any building of House Ants; also effective against outdoor Ants, House Centipedes, Blood-sucking Cone-nose, Book Lice, White Ants and similar troublesome insects that resist other means of riddance when properly applied. Small size 40c; large size 75c, post paid.

Terro, Ant Killer

Offers quick and complete relief. Poured in receptacles at places where the ants may be seen. They will come in large numbers at first, but will soon disappear. **Bottle 50c. Can not be mailed.**

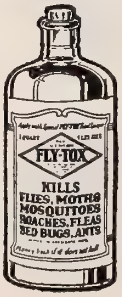
Cow-Ease


COW-EASE
KEEPS FLIES OFF CATTLE & HORSES
REPELLENT TO LICE, TICKS AND CERTAIN VERMIN. ALLOWS COWS TO FEED IN PEACE.
CARPENTER-MORTON CO. MANUFACTURERS BOSTON, U.S.A.

Cow-Ease keeps off flies; gives cows a chance to feed in peace; repellant to lice; good for barn or cattle itch; does not gum the hair; increases the flow of milk. **Good for spraying hogs. Qt. 60c; ½ gal. 90c; gal. $1.50, f. o. b. Memphis.**

Udder Health

Prepared especially to meet the demand for a deep penetrating, lasting massage ointment. Effective in reducing congestion, enlarged glands, inflamed tissues, burns and swellings. Used daily before calving helps keep udders in condition. **Tube 60c; post paid 65c.**

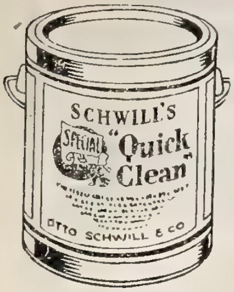

FLY-TOX
KILLS FLIES, MOTHS MOSQUITOES ROACHES, FLEAS BED BUGS, ANTS

Fly-Tox

Fly-Tox is the scientific insecticide that was developed at Mellon Institute of Research. It kills flies, mosquitoes, moths, roaches, ants and fleas.

½ pint bottle	**50c;**	**post paid 65c**
1 pint bottle	**75c;**	**post paid 90c**
1 quart bottle	**$1.25;**	**post paid $1.45**

SHOWERS AND HOME ARTICLES



SCHWILL'S
SPECIAL
"Quick Clean"
OTTO SCHWILL & CO

SCHWILL'S 'QUICK CLEAN'

THE MAGIC GREASELESS CLEANER

Cleans Walls, Woodwork, Furniture, Rugs, Draperies, Floors, Tiles, Linoleums, Glass Ware and Grease-Coated Hands.

Bucket 75c; post paid 90c

Directions for Use

Painted Woodwork, Walls and Tile Surfaces

Apply full strength with a soft cloth or sponge; wipe off dry at once, no water necessary.

Rugs and Carpets

Unexcelled for cleaning rugs and carpets. For thorough cleaning use the soap full strength and rub the entire surface with a hand brush, wipe off with a cloth or sponge dampened in lukewarm water.

For Removing Spots

Apply full strength on the spots to be cleaned, let stand about five minutes, then wipe off with a clean cloth dampened in cold water. This soap will not spot goods nor run colors that water will not affect.

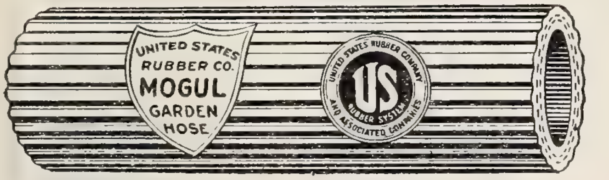
For Greasy Hands

Apply full strength and rub thoroughly without water, until all grease, ink or paint is dissolved, wipe off with a dry cloth, or if convenient, rinse with water. Especially good for mechanics.

SCHWILL'S
SPECIAL
"Quick Clean"
OTTO SCHWILL & CO

SCHWILL'S
SPECIAL
"Quick Clean"
OTTO SCHWILL & CO

"U. S." Mogul Garden Hose



"U. S." Mogul garden hose is vulcanized under high steam pressure which thoroughly forces the rubber through the meshes of the yarn. This prevents kinking and lengthens service. **Fifty feet, ⅝-in. hose, with couples, $6.50, f. o. b. Memphis.**

Whirling Showers

This Lawn Sprinkler is so designed that various sprays are obtainable. By adjusting the nozzle for quantity of spray and position, anything from an extremely fine mist to a drenching rain is obtainable. The base is made of malleable iron and the nozzles, revolving arms and the hose couplings are all of brass. **Each $2.50; post paid $2.65.**

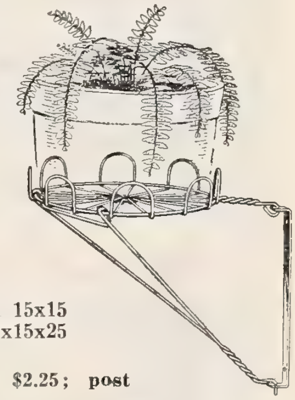
Revolvo Sprinkler

The Revolvo Lawn Sprinkler is made with a malleable iron base with brass nozzles and brass revolving arms. It is an excellent revolving lawn sprinkler and is quite satisfactory where a sprinkler of this type is required which does not need the adjustment feature. **Each $1.95; post paid $2.10.**

Ready Showers

This lawn sprinkler is not of the revolving type; made with a malleable iron base with a perforated brass top and with a brass hose connection. This is entirely adequate for sprinkling small lawns where a revolving sprinkler is not desired or required. **Each $1.00; post paid $1.15.**

Flower Pot Brackets



Very neat and attractive in appearance. Made of steel wire and tinned after being made. Very strong. Easily put up and instantly removed; 6 inches in diameter. **Each 25c; doz. $2.50. Post paid, each 30c.**

Rubbish Burner

Made of galvanized wire, size 15x15 inches, 25 inches high. Folds to 2x15x25 inches; capacity 2½ bushels.

No. 15 Folding Burner, each $2.25; post paid $2.45.

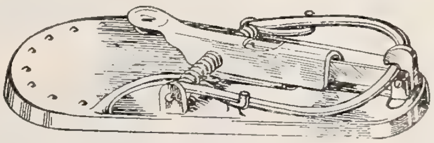
Folding Plant Supports

For Peonies and Tomatoes

Consists of two 16-inch hoops electric welded, and three legs so constructed that the hoops are evenly spaced 13 inches apart and the legs extend 12 inches below the surface.

No. 2 Folding Plant Supports, each 45c; post paid 60c.

Metal Mouse Trap



This trap is all metal. The spring is unusually strong and trigger adjusted so finely it never fails. Teeth on upper surface of base to prevent mouse from escaping, whether caught by neck or paw. Strongly made, highly nickeled, compact and lasting.

No. 1200 Trap, each 10c; post paid 15c.

1930 - OTTO SCHWILL & CO. - 1930

"South's Oldest Seed House"

M. COYLE SHEA, President

GENERAL INFORMATION AND SUGGESTIONS TO CUSTOMERS

PRICES

The prices we quote on vegetable seeds will hold good as long as stocks last. The prices on grass seeds, grains and all farm seeds are those ruling January 1, 1930, and are subject to changes.

Notice carefully the prices. Be sure to know whether we or you are to pay the carrying charges, and bear in mind that we do not pay the express or freight charges on pecks or bushels, nor on any tools, bulbs, grass seeds, field seeds or **fertilizers, except where we so state on the pages where the goods are priced.**

POSTAGE

We pay postage on all seeds quoted by the package, ounce, or pound, and upon all goods in our catalog when it says parcel post paid.

QUANTITY BUYERS

Market gardeners and those using large quantities of seed should send us a list of their requirements. Prices will be furnished promptly, and we can frequently make a substantial reduction on large orders.

ERRORS

While we exercise the greatest care in filling orders, endeavoring to do a little more than we offer, yet in the press of business errors sometimes will be made, in which event we **wish to be promptly notified of the fact and will make such** corrections as will be entirely satisfactory. **Customers should be very clear and explicit in making out all orders, and thereby help us to avoid errors. Please keep copies of all orders for comparison.**

PLANTS, BULBS AND NURSERY

Plants, bulbs and nursery are never forwarded on the same day with seeds ordered at the same time. They are sent direct from the nursery and, therefore, are usually delayed.

CASH WITH ORDER

Please send money with the order sufficient to cover the whole bill and remit by express or postal money order. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We refuse to send goods "Collect On Delivery" unless remittances are made on account to guarantee acceptance. **Our terms are cash; we do not open any accounts.**

NON-WARRANTY

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or shallow planting, etc., which renders it impossible for us to guarantee success, and, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we sell and will not be responsible for the crop. It must, however, be plain to every one who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will grow, and prove true to name and description.

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QUANTITY PRICE LIST, Pages 89 and 90

SCHWILL'S QUANTITY PRICE LIST

Memphis, Tenn., January 1, 1930

NET CASH GOODS—All prices quoted in this list are present values and subject to change without notice, and provided our stock is unsold. We do not, however, expect many changes, and our customers may rely upon receiving the very lowest prices current at the time their orders are received.

TERMS—As the prices are NET CASH, a remittance must accompany all orders. These prices are F. O. B. Memphis, sacks included. Freight or express charges must be paid by the purchaser.

PARCEL POST—When any items ordered from these prices are to be sent by mail, sufficient money must be added to the following prices to pay postage.

ARTICHOKES (Page 12)

	1 lb.	Pk.	Bu.
Jerusalem (Bu. 50 lbs.)	$0.15	$0.90	$ 2.75

BEANS, BUSH—Green Pod—Bu. 60 lbs.

(Page 12)	4 Qts.	Pk.	Bu.
Black Valentine	$1.70	$3.15	$11.95
Hopkin's Improved Red Valentine	1.60	2.95	11.50
Improved Extra Early Red Valentine	1.60	2.95	11.50
Burpee's Stringless Green Pod	1.95	3.60	13.50
Giant Stringless Green Pod	2.05	3.80	14.25
Tennessee Green Pod	1.85	3.45	13.25
Longfellow	1.70	3.15	11.95
Refugee, 1,000 to 1	2.05	3.80	14.25
Bountiful	2.05	3.80	14.25

BEANS, BUSH—Wax Pod—Bu. 60 lbs.

(Page 13)	4 Qts.	Pk.	Bu.
Prolific Black Wax	$1.70	$3.10	$11.75
Currie's Rust Proof Wax	1.85	3.45	13.25
Davis White Kidney Wax	1.85	3.45	13.25
Improved Golden Wax	1.85	3.45	13.25
Wardwell's Kidney Wax	2.05	3.80	14.50

BEANS, POLE OR RUNNING—Bu. 60 lbs.

(Page 14)	4 Qts.	Pk.	Bu.
Kentucky Wonder	1.35	2.60	9.80
White Creaseback	1.45	2.75	10.35
Red Speckled Cut Short	1.45	2.75	10.35
Scotia or Cornfield	1.55	2.85	10.80
Lazy Wife	1.65	3.10	11.60
McCaslan Pole	1.80	3.30	12.25
Kentucky Wonder Wax	1.80	3.35	12.75

BEANS, POLE LIMA—Bu. 60 lbs.

(Page 15)	4 Qts.	Pk.	Bu.
Carolina Sieva or Small Lima	1.65	3.15	11.95
King of the Garden	1.75	3.30	12.30
Large White Lima	1.70	3.25	12.50
Schwill's Monstrous Lima	1.70	3.25	12.50
Calico or Irish	1.85	3.45	13.25

BEANS, BUSH LIMA—Bu. 60 lbs.

(Page 15)	4 Qts.	Pk.	Bu.
Henderson's Bush	1.60	3.00	11.50
Burpee's Improved Bush	2.10	3.90	14.95
Fordhook Bush	2.35	4.45	17.25

CORN, GARDEN

(Pages 22 and 23)	4 Qts.	Pk.	Bu.
Extra Early Adams (Bu. 56 lbs.)	$0.85	$1.45	$ 4.75
Golden Bantam (Bu. 45 lbs.)	1.00	1.75	....
Golden Cream (Bu. 45 lbs.)	1.10	1.95	....
Early Minnesota (Bu. 45 lbs.)	1.00	1.75	....
Adams Large Early (Bu. 56 lbs.)	.85	1.45	4.75
Schwill's Imp. Lge. Adams (Bu. 56 lbs.)	.85	1.45	4.75
Schwill's Early Surprise (Bu. 56 lbs.)	.65	1.10	3.50
Country Gentleman (Bu. 45 lbs.)	1.00	1.75	....
Mammoth or Large Sugar (Bu. 45 lbs.)	1.10	1.95	....
Stowell's Evergreen (Bu. 45 lbs.)	1.00	1.75	....
White Evergreen (Bu. 45 lbs.)	1.00	1.75	....
Schwill's Wonder Bantam (Bu. 45 lbs.)	1.15	2.00	....
Golden Giant (Bu. 45 lbs.)	1.10	1.95	....

ONION SETS—Bu. 32 lbs.

(Page 28)	Pk.	Bu.
Yellow Danvers	$1.00	$ 3.00
Dark Red Wethersfield	1.00	3.00
White Silverskin	1.20	3.75
White Multipliers (28 lbs.)	1.40	4.85

SEED POTATOES—Bu. 60 lbs.

Red Triumphs, Northern Grown	Write for prices
Red Triumphs, Tennessee 2nd Crop	Write for prices
Irish Cobbler	Write for prices
Lookout Mountain	Write for prices

SEED SWEET POTATOES—Bu. 45 lbs.

Nancy Halls	Write for prices
Porto Rica Yam	Write for prices

PEAS, GARDEN

(Pages 30 and 31)	4 Qts.	Pk.	Bu.
Alaska (Bu. 60 lbs.)	$1.15	$2.20	$8.25
American Wonder (Bu. 56 lbs.)	1.35	2.50	9.35
Ameer, or Large Alaska (Bu. 60 lbs.)	1.35	2.50	9.50
First and Best (Bu. 60 lbs.)	1.30	2.40	8.95
Gradus, or Prosperity (Bu. 56 lbs.)	1.40	2.60	9.75
Prolific Early Market (Bu. 60 lbs.)	1.40	2.60	9.75
McLean's Little Gem (Bu. 56 lbs.)	1.35	2.50	9.35
Champion of England (Bu. 56 lbs.)	1.30	2.35	8.85
Large White Marrowfat (Bu. 60 lbs.)	1.25	2.25	8.50
Telephone (Bu. 56 lbs.)	1.40	2.60	9.75
Laxtonian (Bu. 56 lbs.)	1.45	2.70	10.10
Mammoth Melting Sugar (Bu. 56 lbs.)	1.55	2.90	10.95
Extra Early Market (Bu. 60 lbs.)	1.60	2.85	10.80

SEED CORN—WHITE—Bu. 56 lbs.

(Pages 42 and 44)	Pk.	Bu.	2½ Bu.
Schwill's White Cob White Prolific	$0.90	$3.00	$ 7.25
Schwill's Red Cob White Prolific	1.05	3.75	9.15
Paymaster	.85	2.85	6.90
Mosby's Prolific	.90	3.00	7.25
Schwill's Prize Medal	.95	3.50	8.50
North Carolina White Prolific	.90	3.00	7.25
Schwill's Ninety Day Early White	.75	2.50	5.95
St. Charles White Red Cob	.75	2.50	5.95
Mexican June	.95	3.25	7.90
Tait's White Dent	1.05	3.75	9.15
Champion White Pearl	.75	2.50	5.95
Iowa Silver Mine	.75	2.50	5.95
Tennessee Red Cob, White	.85	2.85	6.90
Hickory King	.90	3.00	7.25
Schwill's Early Surprise	1.00	3.50	8.50
Large White Flint	.95	3.50	8.50

SEED CORN—YELLOW—Bu. 56 lbs.

(Page 43)	Pk.	Bu.	2½ Bu.
Schwill's Re-Selected Yellow Dent	$1.10	$3.90	$ 9.50
Iowa Gold Mine	.75	2.50	5.95
Schwill's Ninety Day Early Yellow	.75	2.50	5.95
Reid's Yellow Dent	.75	2.50	5.95
Improved Yellow Leaming	.75	2.50	5.95
Tennessee Mammoth Yellow	.90	3.00	7.25
Early Yellow Canada	.95	3.50	8.50
Jarvis Golden Prolific	.90	3.00	7.25

ABOVE PRICES ARE F. O. B. MEMPHIS, POSTAGE, EXPRESS, OR FREIGHT EXTRA.

CLOVER SEED

(Pages 45 and Cover)	Pk.	Bu.	100-lbs.
Alfalfa, Bee Hive Brand Certified Utah Grown (Bu. 60 lbs.)	$4.75	$18.25	$29.50
Alfalfa, Fancy Western (Bu. 60 lbs.)	4.00	15.00	24.50
Alfalfa, Dakota No. 12 (Bu. 60 lbs.)	5.00	18.75	30.00
Red Clover, Medium (Bu. 60 lbs.)	3.00	15.90	25.50
Mammoth or Sapling Clover (Bu. 60 lbs.)	4.25	17.75	28.75
Alsike Clover (Bu. 60 lbs.)	4.85	17.85	28.50
White Dutch Clover (Bu. 60 lbs.)	3.90	20.50	33.00
Crimson Clover (Bu. 60 lbs.)	Write for prices		
Japan Clover (Lespedeza) (Bu. 25 lbs.)	1.35	5.00	19.75
Korean Lespedeza (Bu. 25 lbs.)	Write for prices		
Kobe Lespedeza (Bu. 25 lbs.)	Write for prices		
Tenn. 76 Lespedeza (Bu. 25 lbs.)	Write for prices		
Melilotus (White Sweet Clover) (Bu. 60 lbs.)	1.50	6.45	9.50
Burr Clover (In Burr) (Bu. 10 lbs.)	-------	1.50	14.95
Black Medic (Bu. 60 lbs.)	5.95	22.35	36.25
Hop Clover (Bu. 60 lbs.)	6.15	23.25	37.50

GRASS SEED

(Pages 46, 47, 48 and Cover)	10 lbs.	50 lbs.	100 lbs.
Schwill's Emerald Lawn Grass	$4.30	$20.50	$39.75
Shady Spot Lawn Grass	4.50	21.75	42.50
*Schwill's Special Permanent Pasture Grass Mixture (14 lbs.) (See explanation at bottom of page)	2.00	9.25	17.50
Permanent Pasture Grass Mixture (14 lbs.)	2.95	12.95	24.75
Permanent Meadow Grass Mixture (14 lbs.)	2.95	12.95	24.75
Permanent Hog Pasture Mixture (14 lbs.)	2.95	13.40	25.50
Timothy and Alsike Mixture	1.90	7.95	15.00
Kentucky Blue Grass (Bu. 14 lbs.)	3.50	15.50	29.75
English Rye Grass (Bu. 14 lbs.)	1.80	6.95	12.95
Johnson Grass (Bu. 25 lbs.)	1.50	6.25	11.75
Orchard Grass (Bu. 14 lbs.)	2.75	12.75	24.50
Bermuda Grass	4.75	23.00	45.00
Red Top or Herds Grass	2.65	11.75	22.50
Dr. Lloyd's Mixture No. 1	3.50	17.00	33.00
Dr. Lloyd's Mixture No. 2	4.00	19.25	37.50
Dr. Lloyd's Mixture No. 3	3.25	15.50	30.00
Dr. Lloyd's Mixture No. 4	3.25	15.50	30.00
Dallis Grass (Bu. 14 lbs.)	3.90	18.50	36.00
Tall Meadow Oat Grass (Bu. 14 lbs.)	2.75	12.50	23.95
Timothy (Bu. 45 lbs.)	1.15	5.25	9.25
Sudan Grass	.95	3.75	6.95
Carpet Grass	1.95	8.00	15.00

FIELD BEANS—Bu. 60 lbs.

(Pages 52 and 53)	4 Qts.	Pk.	Bu.
Velvet Beans, Early Bird, Speckled	$0.45	$0.75	$2.50
Velvet Beans, Osceola	.50	.85	2.95
Soy Beans, Mammoth Yellow	.50	.85	3.10
Soy Beans, Biloxi	.65	1.15	4.25
Soy Beans, Otootan	1.20	2.15	7.75
Soy Beans, Laredo	.75	1.40	5.25
Soy Beans, Virginia	.65	1.10	3.75

COW PEAS—Bu. 60 lbs.

(Page 54)	4 Qts.	Pk.	Bu.
Whippoorwill, or Speckled	Write for prices		
Black	Write for prices		
Red Ripper	Write for prices		
Clay	Write for prices		
New Era	Write for prices		
Mixed	Write for prices		

WHITE TABLE PEAS—Bu. 60 lbs.

(Page 54)	4 Qts.	Pk.	Bu.
California Large White Blackeyed	$1.25	$2.25	-------
White Browneyed	1.50	2.70	-------
White Lady Peas	1.60	2.95	-------
White Sugar Crowder	1.60	2.95	-------
Brown Sugar Crowder	1.60	2.95	-------

PEANUTS

(Page 49)	Pk.	Bu.	100 lbs.
Spanish Peanuts (Bu. 22 lbs.)	$0.70	$2.25	$8.75
Tenn. Mammoth Long Red (Bu. 22 lbs.)	.70	2.25	8.75
Mammoth White Virginia (Bu. 22 lbs.)	1.00	3.50	14.95
Valencia Peanuts (Bu. 22 lbs.)	Write for prices		

MILLET SEED

(Page 52)	10 lbs.	50 lbs.	100 lbs.
Tennessee Golden Millet (Bu. 50 lbs.)	$0.75	$3.25	$ 6.25
Japanese or Barnyard (Bu. 50 lbs.)	Write for prices		
Pearl, or Cat Tail Millet (Bu. 50 lbs.)	1.30	5.75	10.50

SORGHUM OR SUGAR CANE—Bu. 50 lbs.

(Pages 55 and 56)	10 lbs.	50 lbs.	100 lbs.
Sagrain	$0.70	$2.65	$4.75
Texas Seeded Ribbon Cane	.85	3.25	5.95
Japanese Honey Syrup Cane	.85	3.25	5.95
Early Orange Sorghum	.65	2.50	4.50
Early Amber Sorghum	.60	2.40	4.25
Red Top Sorghum	.75	2.90	5.50
White Kaffir Corn	.50	2.20	3.90
Red Kaffir Corn	Write for prices		
Yellow Milo Maize	.55	2.35	4.25
Feterita	.60	2.65	4.75

SEED OATS—Bu. 32 lbs.

(Page 41)	1 Bu.	5 Bu.	10 Bu.
Early Burt	$1.00	$4.75	$ 9.00
Red Rust Proof	1.00	4.75	9.00
Appler	1.10	5.25	10.00
Fulghum	1.10	5.25	10.00

MISCELLANEOUS FARM SEEDS

(Pages 55 and 56)	Pk.	Bu.
Speltz, or Emmer (Bu. 40 lbs.)	$0.70	$2.25
Red May Wheat (Bu. 60 lbs.)	.85	2.75
Barley (Bu. 48 lbs.)	Write for prices	
Japanese Buckwheat (Bu. 50 lbs.)	.85	2.95
Silver Hull Buckwheat (Bu. 50 lbs.)	.85	2.95
Broom Corn, Imp. Evergreen (Bu. 46 lbs.)	1.25	4.60
Broom Corn, Dwarf Okla. (Bu. 46 lbs.)	1.25	4.60
	10 lbs.	50 lbs.
Spring Vetch	$1.50	$5.50
Sand, or Hairy Vetch	Write for prices	
Sunflower, Russian	1.25	4.95
Rape, Dwarf Essex	1.60	6.00

COTTON SEED—Bu. 30 lbs.

(Pages 50 and 51)	1 Bu.	100 lbs.	500 lbs.
Half and Half	$1.80	$4.50	$21.25
Simpkin's Prolific	2.10	5.75	27.50
Wannamaker-Cleveland	2.10	5.75	27.50
King's Early Improved	2.10	5.75	27.50
Acala 5	2.25	6.00	28.75
Delfos 6102	2.10	5.75	27.50
Delfos 631	2.10	5.75	27.50
Delfos 911	2.10	5.75	27.50
Station Trice 27-241	2.25	6.00	28.75
Mebane Triumph	2.10	5.75	27.50
Delta and Pine Land No. 4	2.25	5.75	27.50
Missdell No. 1	2.25	6.00	28.75
Missdell No. 2	2.25	6.00	28.75

SCHWILL'S SPECIAL MIXTURE

*Don't be afraid of this cheap price. We guarantee the seed to be top grade. It represents a lot of 10,000 pounds of clovers and grasses, bought at a ridiculously low price at a bankrupt sale. The seed has been recleaned, germinated and mixed in the proper proportion. It's the biggest bargain we ever offered in the history of our business.

QUANTITY PRICES QUOTED

are subject to change without notice.

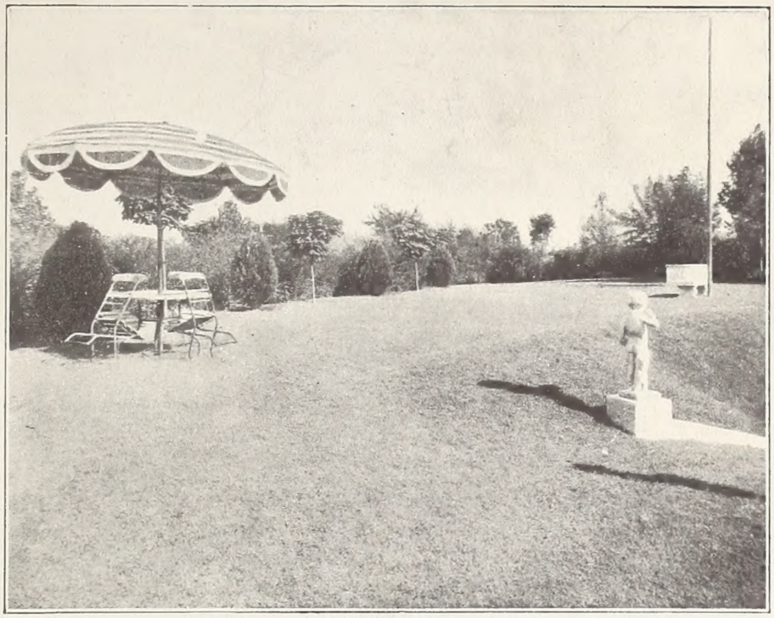
If Prices Are Lower, Refund Will Be Made;

IF HIGHER, WE WILL ADVISE.

SCHWILL'S FAMOUS LAWN GRASS MIXTURES

This Is the Best Way to Prepare for a New Lawn

The soil should be rich and well pulverized. Otherwise it will be necessary to haul in enough good dirt to make a covering one foot deep. This should be of medium texture and the surface should be smooth and fine, with stones, roots and clots removed. Before sowing the seed a commercial lawn grass fertilizer should be worked in at the rate of 500 pounds per acre. After this wait for the soil to settle thoroughly—and you can't wait too long. It is best to wait for several hard rains, but if the weather is dry it will be necessary to soak the ground well and then wait until the dirt is not sticky when pressed in the hand. Then, you are ready. But, do not proceed if the wind is blowing. Use one pound of seed for every 15x15 or 225 square feet, and sow North and South and then East and West, or vice versa. This insures even distribution. Follow by using a light roller or the back of the spade to press the seed gently into the soil. Mow first with a sharp scythe and afterward with the lawnmower.



A Beautiful Lawn

Schwill's Emerald Lawn Grass

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose—some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place; others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains. Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use Emerald Lawn Grass Mixture at the rate of one pound for every 225 square feet, and produce the results as shown in the picture above. **1 lb. 50c, post paid.**

Shady Spot Lawn Grass

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing such places we recommend the use of our Shady Spot Mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in the shade, and it blends well with our Emerald Lawn Mixture. Use one pound for every 225 square feet. **1 lb. 60c, post paid.**

PEP-A-LAWN

Schwill's Soil Food

Pep-A-Lawn is a plant food manufactured from our own specifications, with special consideration of the requirements of Southern soils. It is odorless, clean and perfectly balanced.

Analysis Guaranteed

Prices

100-lb. bag	**$5.00**
50-lb. bag	**3.00**
25-lb. bag	**1.75**
5-lb. pkg.	**.50**

Kentucky Blue Grass

Intended for moist or cool, shady nooks. Although it grows almost wild in its native state of Kentucky, it is not successful in points further South. Unlike Bermuda, it can not stand the summer sun and will burn up in the first hot spell. Therefore, we do not recommend it for a permanent lawn that will be exposed to the sun. Plant it in the shade only. **1 lb. 50c, post paid.**

Schwill's Winter Grass

Positively the most famous mixture in the South. It is a revelation in the seed trade and an unexplained mystery to thousands of satisfied patrons. Planted from September to December and will convert your bare and brown sod into a green that surpasses the summer's brightest shade. This mixture is so great a part of our fall business that we issue a special pamphlet, with complete instructions, prices and suggestions. Ready every September. **Write for free copy.**

Other Grasses

In addition to the grasses described on this page we also stock all of the standard varieties, such as Bermuda, Redtop, English and Italian Rye, Carpet, Sudan, Orchard, Johnson, Canadian Blue and Tall Meadow Oat Grass. Descriptions and prices will be found on pages 46 and 47.

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The Pet Shop of Memphis